



भारत का राजपत्र The Gazette of India

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No. 6]

NEW DELHI, SATURDAY, FEBRUARY 8, 2003 (MAGHA 19, 1924)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
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PATENTS AND DESIGNS

Kolkata, the 8th February 2003

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Territories of Daman and
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587 1257, 587 1258, 587 7245.
Fax No. (011) 587 6209, 587 2532.

3. Patent Office Branch,
Guna Complex, 6th Floor, Annex-II,
443, Annasalai, Teynampet,
Chennai-600 018.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
Territories of Lakshadweep.

Telegraphic Address "PATENTOFFIC"

Phone No. (044) 431 4324/4325/4326

Fax No. (044) 431 4750/4751.

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENT'S"

Phone No. (033) 247 4401, 247 4402, 247 4403.

Fax No. (033) 247 3851, (033) 240 1353.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 as amended by the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय
एकस्व तथा अभिकल्प

कोलकाता, दिनांक 8 फरवरी 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

1. पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्पाउंड,
लोअर परेल (वेस्ट),
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश,
गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं
संघ शासित क्षेत्र, दमन तथा दीव,
दादर और नगर हवेली।

तार पता - "पेटेंटोफिस"

फोन - (022) 492 4058, 496 1370, 490 3684.

फैक्स - (022) 490 3852.

2. पेटेंट कार्यालय शाखा,
उल्फू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिस"

फोन - (011) 587 1255, 587 1256, 587 1257,

587 1258, 587 7245.

फैक्स - (011) 587 6209, 587 2532.

3. पेटेंट कार्यालय शाखा,
गुणा कम्लेक्स, छठा तल, एनेक्स-II,
443, अन्नामलाई, तेनामपेट,
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र लक्षद्वीप।

तार पता - "पेटेंटोफिस"

फोन - (044) 431 4324/4325/4326.

फैक्स - (044) 431 4750/4751.

4. पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6वां व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन - (033) 247 4401, 247 4402, 247 4403.

फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999
अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन,
सूचनाएं, विवरण या अन्य दस्तावेज या कोई भी पेटेंट कार्यालय के
केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां
उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक
को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

ALTERATION OF DATE

189323 dated of filing 23.03.94

Application No. 332/del/94 Ante dated to 19.12.89

Patent No. 189336 (633/MAS/2000) Ante dated to 06.11.1998

**GOVERNMENT OF INDIA
THE PATENT OFFICE
KOLKATA -08.02.2003**

**APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4
ACHARYA JAGDISH BOSE KOLKATA - 700 020.**

**The data shown in the crecent bracket are the dated claimed under section 135,
under Patent Act, 1970.**

30.10.2002

618/CAL/02	1. MISHRA SUSANTA KUMAR. 2. AGNIHOTRI ANURAG. 3. THE TATA IRON AND STEEL COMPANY. A SYSTEM FOR TRACKING OF MATERIAL IN A ROLLING MILL.
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31.10.2002

619/CAL/02	STEEL AUTHORITY OF INDIA LIMITED. PROCESS FOR MANUFACTURING HIGH STRENGTH MICROALLOYED STEEL
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1.11.2002

620/CAL/02	HITACHI, LTD. 2. BABCOCK-HITACHI K.K. SOLID FUEL BURNER, BURNING METHOD USING THE SAME, COMBUSTION APPARATUS AND METHOD OF OPERATING THE COMBUSTION APPARATUS. (CONVENTION NOS. 2001-351746 AND 2002-37435 FILED ON 16.11.01 AND ON 14.02.2002 IN JAPAN RESPECTIVELY.)
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05.11.2002

621/CAL/02	GUHA, DWIPENDRA NATH. HAND HELD TOY.
622/CAL/02	MAC VALVES, INC. DIRECTLY OPERATED PNEUMATI VALVE HAVING AIR ASSIST RETURN. (CONVENTION NO. 10/150,291 FILED ON 17.05.2002 IN U.S.A.)
623/CAL/02	ORTHO-CLINICAL DIAGNOSTICS, INC. HCV ANTI CORE MONOCLONAL ANTIBODIES. (CONVENTION NOS. 60/337453 AND <i>NIL</i> FILED ON 05.11.01 AND ON 10.10.02 IN U.S.A. RESPECTIVELY.)
624/CAL/02	ORTHO-CLINICAL DIAGNOSTICS, INC. REAGENTS FOR THE SIMULTANEOUS DETECTION OF HCV CORE ANTIGENS AND ANTIPODIES. (CONVENTION NOS. 60/347943 AND <i>NIL</i> FILED ON 7.11.01 AND ON 10.10.01 IN U.S.A. RESPECTIVELY.)

05.11.2002

625/CAL/02	ORTHO-CLINICAL DIAGNOSTICS, INC. HCV CORE PROTEIN SEQUENCES. (CONVENTION NOS. 60/347303 AND <i>NIL</i> FILED ON 11.11.01 AND ON 10.10.02 IN U.S.A. RESPECTIVELY.)
06.11.2002	
626/CAL/02	KABUSHIKI KAISHA MORIC. LAMINATED IRON CORE FOR ROTARY ELECTRIC MACHINE. (CONVENTION NOS. 2001-344682 AND 10/065543 FILED ON 09.11.2001 AND 29.10.2002 IN JAPAN AND U.S.A. RESPECTIVELY.)
627/CAL/02	KABUSHIKI KAISHA MORIC. STARTER FOR ENGINE. (CONVENTION NOS. 2001-342638 AND 10/065541 FILED ON 08.11.2001 AND 29.10.2002 IN JAPAN AND U.S.A. RESPECTIVELY.)

07.11.2002

628/CAL/02	TORRENT PHARMACEUTICALS LTD. PROCESS FOR PREPARATION OF THE POLYMORPHIC FORM.
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08.11.2002

629/CAL/02	SATAKE CORPORATION. COLOR SORTING APPARATUS FOR GRANULAR OBJECT WITH OPTICAL DETECTION DEVICE CONSISTING OF OCD LINEAR SENSOR. (CONVENTION NOS. 2001-344429 FILED ON 09.11.2001 AND 2002-246060 FILED ON 27.08.02 IN JAPAN RESPECTIVELY.)
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11.11.2002

630/CAL/02	PFIZER PRODUCTS INC. AND ABGENIX INC. ANTIBODIES TO CD40. (CONVENTION NO. 60/348,980 FILED ON 09.11.2001 IN U.S.A.)
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12.11.2002

631/CAL/02	CELAYA EMPARANZA Y GALDOS, S.A. (CEGASA). SOLEPLATE OF DOMESTIC STEAM IRON. (CONVENTION NOS. 200102578 AND 200202206 FILED ON 21.11.2001 AND 30.9.2002 IN SPAIN RESPECTIVELY.)
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13.11.2003

632/CAL/02	LIFESCAN, INC. STABILIZED TETRAZOLIUM REAGENT COMPOSITIONS AND METHODS FOR USING THE SAME. (CONVENTION NO. 09/988,812 FILED ON 20.11.2001 IN U.S.A.)
633/CAL/02	LIFESCAN, INC. STABILIZED TETRAZOLIUM-PHENZINE REAGENT COMPOSITIONS AND METHODS FOR USING THE SAME. (CONVENTION NO. 09/988,494 FILED ON 20.11.01 IN U.S.A.)

15.11.2002

634/CAL/02	TRUTZSCHLER GMBH & CO.KG. DEVICE AT A SPINNING MILL PREPARATION MACHINE, IN PARTICULAR DRAWING FRAME OR CARD, IN WHICH AT EXIT A CARD SLIVER IS DELIVERED AND DEPOSITED. (CONVENTION NO. 10205061.9 FILED ON 07.02.2002 IN GERMANY.)
635/CAL/02	TRUTZSCHLER GMBH & CO. KG. DEVICE AT A CARD, IN WHICH A MULTIPLE NUMBER OF WORKING ITEMS ARE ALLOCATED TO A ROLLER AS FOR EXAMPLE DRUM. (CONVENTION NO. 10207159.4 FILED ON 20.02.2002 IN GERMANY.)

18.11.2002

636/CAL/02	KAR SWAPAN BIKASH. EYE POWER TESTING METER.
637/CAL/02	STEEL AUTHORITY OF INDIA LIMITED. THERMAL BARRIER CERAMIC TITANIA (TiO ₂) COATED BLAST FURNACE (BF) TUYERES FOR APPLICATION UNDER COAL DUST INJECTION (CDI) CONDITIONS.
638/CAL/02	1. PATEL DINESH SHANTILAL. 2. PATEL SACHIN DINESH. 3. KURANI SHASHIKANT PRABHUDAS. A PROCESS FOR MANUFACTURING OF THE PARENTERAL PREPARATION OF COX 2 INHIBITOR.
639/CAL/02	DYSTAR TEXTILFARBENGMBH & CO. DEUTSCHLAND KG. MIXTURES OF FIBER-REACTIVE BIASZO DYES AND USE THEREOF. (CONVENTION NO. 10159085.7 ON 01.12.2002 IN GERMANY.)
640/CAL/02	AMERICAN CYANAMID COMPANY. PROCESS FOR THE PREPARATION OF CONDENSATION PRODUCT USING SODIUM C4-C8 ALKOXIDE AS CATALYST. (CONVENTION NO. 08/459,059 FILED ON 02.06.1995 IN U.S.A.)
641/CAL/02	HYUNDAI MOTOR COMPANY. DOOR WINDOW LIFTING APPARATUS OF A VEHICLE. (CONVENTION NO. P-2002-21500 FILED ON 19.04.2002 IN REPUBLIC OF KOREA.)

18.11.2002

642/CAL/02	BISAZZA SPA. METHOD AND APPARATUS TO AMALGAMATE A COMPOUND OF VITREOUS MATERIAL. (CONVENTION NO. UD 2001 A 000190 FILED ON 20.11.2001 IN ITALY.)
643/CAL/02	ENGELHARD CORPORATION. NOX CATALYST/TRAP AND METHOD OF USING THE SAME. (CONVENTION NO. 08/500,657 FILED ON 12.07.95 IN U.S.A.)

20.11.2002

644/CAL/02	QUEST INTERNATIONAL B.V. FLAVOUR COMPOSITION. (CONVENTION NO. GB0226490.1 FILED ON 14.11.02 IN GREAT BRITAIN.)
645/CAL/02	KM EUROPA METAL AKTIENGESELLSCHAFT. PROCESS FOR THE EXPLOSION-CALIBRATION OF A MOULD. (CONVENTION NO. 101 60 134.4 FILED ON 07.12.2001 IN GERMANY.)
646/CAL/02	FUJIKURA LTD. MANUFACTURING METHOD FOR OPTICAL FIBER PREFORM. (CONVENTION NO. 2001-367635 FILED ON 30.11.2001 IN JAPAN.)

21.11.2002

647/CAL/02	LIFESCAN, INC. SOLUTION DRYING SYSTEM. (CONVENTION NO. 09/996,631 FILED ON 28.11.2001 IN U.S.A.)
648/CAL/02	LIFESCAN, INC. SOLUTION STRIPING SYSTEM. (CONVENTION NO. 09/997,315 FILED ON 28.11.2001 IN U.S.A.)

22.11.2002

649/CAL/02	CHIN-KUANG LUO. HEAT-DISSIPATING MODULE.
650/CAL/02	DULAL CHANDRA MONDAL. GRAVITOR.
651/CAL/02	SAMSUNG ELECTRONICS CO. LTD. REFRIGERATOR. (CONVENTION NO. 2002-52845 FILED ON 03.09.2002 IN REPUBLIC OF

25.11.2002

652/CAL/02	HENRY BASCOM BONAR. II APPARATUS AND METHOD FOR CONVERTING THERMAL TO ELECTRICAL ENERGY.
653/CAL/02	LIFESCAN, INC. TEST STRIPS HAVING A PLURALITY OF REACTION ZONES AND METHODS OF USING AND MANUFACTURING THE SAME. (CONVENTION NO. 10/011, 000 FILED ON 05.12.2001 IN U.S.A.)
654/CAL/02	RIKEN VITAMIN CO. LTD. A METHOD FOR THE PRODUCTION OF A LUTEIN-FATTY ACID ESTER CONCENTRATE. (CONVENTION NO. 2002-001824 FILED ON 08.01.2002 IN JAPAN.)
655/CAL/02	JOHNSON & JOHNSON INDUSTRIAL LTDA., A SANITARY NAPKIN. (CONVENTION NO. PI 0105724-3 FILED ON 26.11.2001 IN BRAZIL.)
656/CAL/02	FUJIKURA LTD. SINGLE MODE OPTICAL FIBER AND MANUFACTURING METHOD THEREFOR. (CONVENTION NO. 2001-365172 FILED ON 29.11.2001 IN JAPAN.)
657/CAL/02	NIPPON SHOKUBAI CO. LTD. METHOD AND APPARATUS FOR ABSORBING (METH) ACRYLIC ACID. (CONVENTION NO 2001-375741 FILED ON 10.12.2001 IN JAPAN.)

26.11.2002

658/CAL/02	ROGER, C.Y. CHUNG. A STOPPABLE ZIPPER SLIDER CAPABLE OF BEING REASSEMBLED WITH PULL TAB.
659/CAL/02	ELECTROLUX HOME PRODUCTS, INC. METHOD AND ARRANGEMENT FOR ACHIEVING AN ADJUSTED ENGINE SETTING UTILIZING ENGINE OUTPUT AND/OR FUEL CONSUMPTION. (CONVENTION NO. 10/269,986 FILED ON 15.10.02 IN U.S.A.)
660/CAL/02	KM-EUROPA METAL AKTIENGESELLSCHAFT. MOULD TUBE FOR THE CONTINUOUS CASTING OF METALS. (CONVENTION NO. 101 60 135.2 FILED ON 07.12.2001 IN GERMANY.)
661/CAL/02	FUJIKURA LTD. OPTICAL FIBER DRAWING DIE AND DRAWING METHOD THEREFOR. (CONVENTION NO. 2001-380571 FILED ON 12.12.2001 IN JAPAN.)

27.11.2002

662/CAL/02	INDIAN INSTITUTE OF TECHNOLOGY. A MONODISPERSE VIRTUAL IMPACTOR TYPE AEROSOL GENERATOR.
663/CAL/02	LIFESCAN, INC. PASSIVE DETECTION TO INITIATE TIMING OF AN ESSAY. (CONVENTION NO. 10/013,856 FILED ON 10.12.01 IN U.S.A.)
664/CAL/02	LIFESCAN, INC. BIOSENSOR APPARATUS AND METHOD WITH SAMPLE TYPE AND VOLUME DETECTION. (CONVENTION NO. 10/020,169 FILED ON 12.12.01 IN U.S.A.)
665/CAL/02	MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG. AGITATOR MILL. (CONVENTION NO. 10165795.3 FILED ON 24.12.01 IN GERMANY.)
666/CAL/02	NTT DoCoMo, INC. DEVICE AND METHOD FOR RESTRICTING CONTENT ACCESS AND STORAGE. (CONVENTION NO. 2001-392068 AND 2002-230150 FILED ON 25.12.01 AND ON 07.08.2002 IN JAPAN RESPECTIVELY.)

28.11.2002

667/CAL/02	INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE. A PROCESS FOR THE PREPARATION OF AMORPHOUS SILICON BASED SOLAR CELLS.
668/CAL/02	HITACHI, LTD. METHOD OF PROVIDING SERVICE WHICH MAKES POWER DISTRIBUTION OPERATION EFFECTIVE, AND SYSTEM. (CONVENTION NO. 2001-375142 FILED ON 10.12.01 IN JAPAN.)

29.11.2002

669/CAL/02	AUTOLIV IFB INDIA PVT. LIMITED. OCCUPANT RESTRAINT SYSTEM WITH SEAT BELT HAVING A NOVEL SASH GUIDE AND ANCHOR PLATE.
670/CAL/02	DAINIPPON INK AND CHEMICALS, INC. AND DIC TECHNOLOGY CORPORATION. METHOD AND APPARATUS FOR DEHYDRATING WET PIGMENT PASTE. (CONVENTION NO. 2002-191190 FILED ON 28.06.2002 IN JAPAN.)

02.12.2002

671/CAL/02	SATAKE CORPORATION. COLOR SORTING APPARATUS FOR GRANULAR OBJECTS WITH FUNCTION TO SORTING OUT FOREIGN MAGNETIC METAL MATTERS. (CONVENTION NO. 2001-373345 FILED ON 06.12.01 IN JAPAN.)
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03.12.2002

672/CAL/02	NOVA CHEMICALS (INTERNATIONAL) S.A. HIGH TEMPERATURE ZIEGLER-NATTA SOLUTION CATALYSTS. (CONVENTION NO. 2,365,718 FILED ON 18.12.01 IN CANADA.)
673/CAL/02	KEIHIN CORPORATION. ELECTROMAGNETIC PUMP APPARATUS IN FUEL SUPPLY APPARATUS FOR TWO-WHEELED VEHICLE. (CONVENTION NO. 2002-016332 FILED ON 25.1.02 IN JAPAN.)
674/CAL/02	EROWA AG. CLAMPING APPARATUS WITH A CLAMPING CHUCK AND A WORK PIECE CARRIER RELEASABLY CONNECTABLE THERETO. (CONVENTION NO. 2001-2318/01 FILED ON 19.12.2001 IN SWITZERLAND.)

04.12.2002

675/CAL/02	PHOOLTAS TAMPER PVT. LTD. AN AXLE COUNTER ASSEMBLY ATTACHED TO THE AXLE OF THE RAIL WHEEL FOR ACTIVATING THE AXLE COUNTER ON RAILS.
676/CAL/02	SAMSUNG ELECTRONICS CO. LTD. DEVICE FOR LOCKING FRONT DOOR OF TAPE RECORDER AND TAPE RECORDER INCORPORATING SAID DEVICE. (CONVENTION NOS. 96-26262 , 96-80107 AND 97-24100 FILED ON 29.6.96 , 31.12.1996 AND ON 11.06.1997 IN KOREA.) (DIVIDED OUT OF NO. 1221/CAL/97 ANTEDATED TO 26.06.1997.)
677/CAL/02	SAMSUNG ELECTRONICS CO. LTD. AN IMPROVED DEVICE FOR LOCKING FRONT DOOR OF TAPE RECORDER AND TAPE RECORDER INCORPORATING SAID DEVICE. (CONVENTION NOS. 96-26262 , 96-80107 AND 97-24100 FILED ON 29.06.1996 , 31.12.1996 AND ON 11.06.1997 IN KOREA RESPECTIVELY.) (DIVIDED OUT OF NO. 1221/CAL/97 ANTEDATED TO 26.06.1997.)

05.12.2002

678/CAL/02	INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE. AN ATOM TRANSFER RADICAL POLYMERIZATION PROCESS USING NOVEL SOLUBLE CATALYST SYSTEM.
679/CAL/02	TAIJECT MEDICAL DEVICE CO. LTD. FLOW REGULATOR FOR IV TUBING SET. (CONVENTION NO. 01278417.6 FILED ON 13.12.2001 IN CHINA.)

09.12.2002

680/CAL/02	AMIT ROY. HYDROELECTRIC CELL & TOWER - A STATIC ONE.
681/CAL/02	ANEST IWATA KABUSHIKI KAISHA. PAINT SPRAYING BOOTHS. (CONVENTION NO. 2001-383132 FILED ON 17.12.2001 IN JAPAN.)

682/CAL/02	DAIFUKU CO. LTD. CAR TYPE CONVEYOR. (CONVENTION NOS. 2001-393291 AND 2001-393292 FILED ON 26.12.01 AND ON 26.12.2001 IN JAPAN RESPECTIVELY.)
683/CAL/02	ESSEF CORPORATION, d.b.a FIBER REINFORCED THERMOPLASTIC PRESSURE VESSELS. (CONVENTION NO. 10/074,449 FILED ON 13.02.2002 IN U.S.A.)
684/CAL/02	JOHNSON & JOHNSON CONSUMER COMPANIES, INC. FILM FORMING LIQUID COMPOSITION. (CONVENTION NO. 10/029614 FILED ON 21.12.2001 IN U.S.A.)
685/CAL/02	MCNEIL - PPC, INC. DRAPEABLE ABSORBENT ARTICLE. (CONVENTION NO. 10/025299 FILED ON 19.12.01 IN U.S.A.)
686/CAL/02	PANDEY SUNIT KUMAR. PROCESS FOR REMOVAL OF HEAVY DRAWN GRAIN AND IMPROVEMENT IN AREA YIELD OF WETBLUE GOAT UPPER.

10.12.2002

687/CAL/02	PHONEIX YULE LIMITED. AN IMPROVED SENSOR LOOP FOR DETECTING AND ARRESTING LONGITUDINAL CONTINUOUS CUT IN RUBBER CONVERYOR BELTS.
688/CAL/02	SOCIETY FOR RESEARCH AND INITIATIVES FOR SUSTAINABLE TECHNOLOGIES AND INSTITUTIONS. BICYCLE SPRAYER.
689/CAL/02	SIMENS AKTIENGESELLSCHAFT. CONTACT APPARATUS. (CONVENTION NO. 10163574.5 FILED ON 21.12.01 IN GERMANY.)
690/CAL/02	LIFESCAN, INC. TEST DRIVE WITH MEANS FOR STORING AND DISPENSING DIAGNOSTIC STRIPS. (CONVENTION NO. 10/029,525 FILED ON 21.12.01 IN U.S.A.)

12.12.2002

691/CAL/02	BHARAT PETROLEUM CORPORATION LTD. NETWORK RECEIPT METER.
692/CAL/02	MANISH METAL PROCESSING & ENGINEERING CO.PVT.LTD. NOVEL PROCESS FOR SINTER FINES BRIQUETTING.
693/CAL/02	NTT DoCoMo, INC. INFORMATION PROVIDING METHOD, SERVER PROGRAM, AND STORAGE MEDIUM. (CONVENTION NO. 2002-22296 FILED ON 30.01.2002 IN JAPAN.)
694/CAL/02	LIFESCAN, INC. ELECTROCHEMICAL CELL CONNECTOR. (CONVENTION NO. 60/345.743 FILED ON 4.1.02 IN U.S.A.)

13.12.2002

695/CAL/02	BORG WARNER MORSE TEC JAPAN K.K. HYDRAULIC TENSIONER. (CONVENTION NO. 2001-381280 FILED ON 14.12.01 IN JAPAN)
696/CAL/02	DR. CHANDAN MUKHERJEE. NEONATAL CARE VITAL MONITORING SYSTEM.

16.12.2002

697/CAL/02	DABUR INDIA LIMITED. PROCESS FOR PREPARATION OF PACLITAXEL TRIHYDRATE AND DOCETAXEL TRIHYDRATE.
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698/CAL/02	DURKOPP ADLER AKTIENGESELLSCHAFT. CNC CONTROLLED BUTTONHOLE SEWING MACHINE. (CONVENTION NOS. 10163229.0 AND 10216808.3 FILED ON 16.4.02 IN GERMANY RESPECTIVELY.)
699/CAL/02	CARL-ZEISS-STIFTUNG TRADING AS SCHOT GLAS. TUBE BLANK AND METHOD OF PRODUCING GLASS RECEPTACLES FROM A TUBE BLANK. (CONVENTION NO. DE10224833.8-45 FILED ON 5.6.02 IN GERMANY.)
700/CAL/02	1. HITACHI, LTD. 2. HITACHI ENGINEERING CO.LTD. ROTATING ELECTRIC MACHINE. (CONVENTION NOS. 2001-385379, 2001-385380 AND 2001-385381 FILED ON 19.12.01 , 19.12.01 AND ON 19.12.01 IN JAPAN RESPECTIVELY.)
701/CAL/02	FUJIKURA LTD. PRODUCTION PROCESS FOR POROUS GLASS PREFORM. (CONVENTION NOS. 2002-068997 AND 2002-268787 FILED ON 13.3.2002 AND 13.09.2002 RESPECTIVELY IN JAPAN.)
702/CAL/02	KM EUROPA METAL AKTIENGESELLSCHAFT. CHILL-CASTING TUBE. (CONVENTION NO. 102 03 967.4 FILED ON 31.01.2002 IN GERMANY.)
16.12.2002	
703/CAL/02	LG ELECTRONICS INC. SUCTION NOISE MUFFLER MOUNTING APPARATUS FOR A HERMETIC COMPRESSOR. (CONVENTION NO.41504/1995 FILED ON 15.11.1995 IN REPUBLIC OF KOREA.) (DIVIDED OUT OF NO.1927/CAL/96 ANTEDATED TO 05.11.1996.)
704/CAL/02	LG ELECTRONICS INC. A SUCTION NOISE MUFFLER MOUNTING APPARATUS FOR A HERMETIC COMPRESSOR. (CONVENTION NO. 41504/1995 FILED ON 15.11.1995 IN REPUBLIC OF KOREA.) (DIVIDED OUT OF NO. 1927/CAL/96 ANTEDATED TO 05.11.1996.)

17.12.2002

705/CAL/02	YOUNG-CHAN LEE. SPLINT FOR MEDICAL TREATMENT.
706/CAL/02	DAINIPPON INK AND CHEMICALS, INC.. CURABLE RESIN COMPOSITIONS AND PROCESS FOR PREPARING OLIGOMERS CONTAININGS ACRYLATE GROUPS, AND SUBSTITUTED METHACRYLATE GROUPS. (CONVENTIOIN NO. 10163432.3 FILED ON 21.12.2001 IN GERMANY.)
707/CAL/02	DAINIPPON INK AND CHEMICALS, INC. CURABLE RESIN COMPOSITIONS AND PROCESS FOR PREPARING OLIGOMERS AND POLYMERS HAVING ACRYLOYL GROUPS, SUBSTITUTED METHACRYLATE GROUPS AND β -DICARBONYL GROUPS. (CONVENTION NO. 10163433.1 FILED ON 21.12.2002 IN GERMANY.)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate along with evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/-रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/-रुपये की अदायगी पर की जा सकती है।

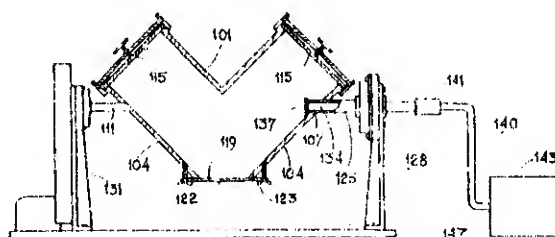
Indian Classification : 132 D . 189291
 4
 International Classification : B 01 F 15/00, B01 F 9/04
 Title : "AN APPARATUS FOR MIXING
 COMPOSITIONS INTO A HOMOGENOUS
 MIXTURE."
 Applicant : PFIZER INC., a corporation organized under the
 laws of the State of Delaware, United States of
 America, of 235 East 42nd Street, New York, State
 of New York, United States of America.
 Inventors : PAUL KENNETH ALDRIDGE – U.S.A.
 Kind of Application : COMPLETE
 Application for Patent Number 0620/DEL/94 filed on 19-05-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
 Branch, New Delhi – 110 008.

(30 Claims)

An apparatus for mixing compositions into a homogeneous mixture comprising a mixing means for mixing said composition, spectroscopic means 143 for measuring the spectroscopic characteristics of said composition, a rotating means 216 for rotating said mixing means, sealing means 137 for sealing an aperture 107 provided in said mixing means, a conduction means 140 for conducting radiation to said mixture from said spectroscopic means 143 and then conducting reflected or transflected radiation to said spectroscopic means 143 characterised in that said mixing means consists of a container 101 comprising first hollow leg 201 opening into second hollow leg 204, wherein said first and second legs 201, 204 have outward facing surface wall 104, an aperture 107 disposed through said surface wall 104 of said first hollow leg 201, at least one opening 115 provided at top end of said legs 201 or 204 for charging the said container 101 with individual compositions or discharging the finished homogenous mixture, an opening 119 provided at the bottom of said container 101 for charging said container 101 with individual compositions or discharging the finished homogenous mixture, first axle 125 having first and second ends and provided with a bore 134 connecting said first leg 201 of said container 101 with said spectroscopic means 143, second axle 111 having first and second ends connecting said second leg 204 of said container 101 with said rotating means 216, wherein said bore 134 having first and second ends is covered at said first end by said sealing means 137, and at said second end is provided with said conduction means 140 having first and second ends for conducting radiation, and optionally a rotational and/or angular position detecting means 150 provided onto said second end of said second axle 111 for detecting rotational and/or angular positioned of said container 101.

FIG. 1



Agent : Remfry & Sagar

(Complete Specification Pages 20 Drawing Sheets -06)

Indian Classification	:	172 C 9	189292
4			
International Classification	:	B 27 N 3/00, D 0 3 C/40, D 0 3 C 3/44	
Title	:	"AN IMPROVED PROCESS FOR PRODUCING JACQUARD BOARD USEFUL FOR TEXTILE WEAVING."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SUBRATA RANJAN GHOSH – INDIA CHOWDHURY NATH SAIKIA- INDIA.	
Kind of Application	:	COMPLETE	

Application for Patent Number 0623/DEL/94 filed on 20-05-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(04 Claims)

- An improved process for producing jacquard board for use in textile weaving which comprises:
- i. soaking waste paper in water for a period of 4 to 5 hours,
 - ii. defibrating the soaked waste papers by known methods,
 - iii. characterised in that beating the defibrated waste papers at a consistency in the range 1.0 to 1.5% for a period of 30 to 60 minutes to get freeness in the range 300 to 350 c.c. CSf {Canadian Standard freeness},
 - iv. adding to the beaten pulp 0.5 to 1.0 parts by weight rosin soap, 0.5 to 1.0 parts by wt. Guar gum, 1.0 to 1.5 parts by wt. of 25% wax emulsions, on the basis of oven-dry {o.d.} weight of the pulp and mixing thoroughly for a period of 15 to 30 minutes and then adjusting the pH of the pulp slurry in the range of 5.0 to 5.5 by adding alum solution, continuing mixing for another 15 to 30 minutes, to get a homogenous pulp stock, removing lumps, if any, from the pulp stock, using the pulp stock for making multilayered board by known methods and drying the board followed by sizing and calendaring.

Agent

(Complete Specification Pages 10 Drawing Sheets -Nil)

Indian Classification : 47 C **189293**
 4
 International Classification : C 10 B 57/00
 Title : "A DEVICE FOR MEASURING THE PLASTIC CHARACTERISTICS OF COKING COAL."
 Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
 Inventors : AMAL KUMAR RAY – INDIA, ALOKE GOBINDA CHOUDHURY – INDIA, RAMESHWAR RAM – INDIA.
 Kind of Application : COMPLETE
 Application for Patent Number 0630/DEL/94 filed on 20.05.94

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(02 Claims)

A device for measuring the plastic characteristics of coking coal comprises a torque motor (9, 26) with a built in hysteresis brake, the said motor is coupled by latex tube (12) to an optical encoder (14), characterised in that the said encoder (14) has two free end shafts (13, 15) at opposite sides, the other end of the said encoder (16) is coupled to a retort assembly (25), the said retort assembly is provided with locking hole (24) for locking the said optical encoder and the said retort assembly, the said retort assembly (25) being placed submerged under molten solder bath (5, 29), the said bath (29) is being provided inside a high tech furnace (6, 22), the said furnace is provided with heating element (4), the said furnace also surrounded by a blanket of insulating material (3), a thermocouple (28) being placed inside the said furnace, the said thermocouple (28) is connected to a microprocessor based programmable temperature controller (21), the said temperature controller (21) is connected to counter recorder (20), the said counter recorder (20) is connected to dial division per minute (DDPM) counter (19).

Agent :

(Complete Specification Pages 09 Drawing Sheets -03)

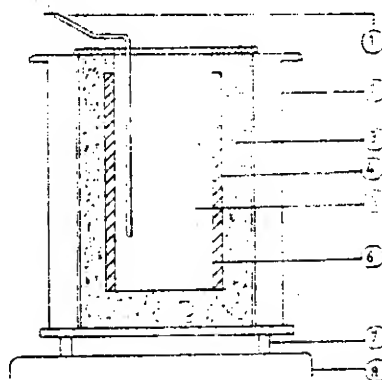


FIG-- 1

Indian Classification : 10 1 F **189294**
 4
 International Classification : E 0 2 B 9/08
 Title : "AN EQUIPMENT USEFUL FOR HARNESSING
 WAVE ENERGY FROM SEA/OCEAN."
 Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL
 RESEARCH, Rafi Marg, New Delhi-110001, India,
 an Indian registered body incorporated under
 Registration of Societies Act (Act XXI of 1860).
 Inventors : BIMANRANJA MAZUMDER-INDIA.
 Kind of Application : PROVISIONAL / COMPLETE

Application for Patent Number 0643/DEL/94 filed on 20-05-94.

Complete left after Provisional filed on 04.08.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
 Branch, New Delhi - 110 008.

(04 Claims)

An equipment useful for harnessing wave energy from sea/ocean comprises two parallel chains (6) having roller guides (12) and support (11) spanning over sprockets (7, 8) at both ends (sea/ocean side and shore side), characterized in that the said parallel chains (6) being provided with a plurality of dredger-shields (1) to allow unidirectional movement in consonant with the sea/ocean waves, the said sprockets (7,8) being connected with adjustable distance plates (13), the said sea/ocean side sprocket (7) is rotatably fixed on adjustable support (14), the said adjustable support (14) being provided with a container (9) and adjustable weights (10), the said shore side sprocket (s) (8) being provided with known means such as herein described for transferring/storing the wave energy so obtained.

Agent :

(Complete Specification Pages 08 Drawing Sheets -05)

(Complete Specification Pages 06 Drawing sheets -Nil)

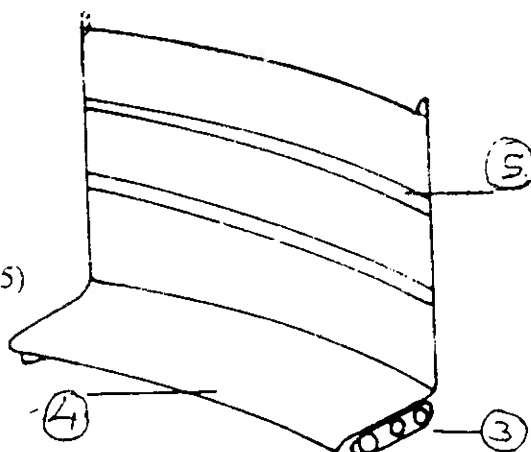


Fig. 2:

Indian Classification : 148 A, H, I **189295**
 4
 International Classification : G 0 3B 17/00, 17/58
 Title : "A PHOTOMICROGRAPHY APPARATUS."
 Applicant : SAMAVEDAM. SHRIRAMACHARI, an
 Indian national of 521, Mandakini Enclave,
 Kalkaji, New Delhi-110 019, India.
 Inventors : SAMAVEDAM SRIRAMACHARI – INDIA.
 Kind of Application : PROVISIONAL / COMPLETE
 Application for Patent Number 0655/DEL/94 filed on 24-05-94.
 Complete left after Provisional filed on 19.05.95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent
 Office Branch, New Delhi – 110 008.

(04 Claims)

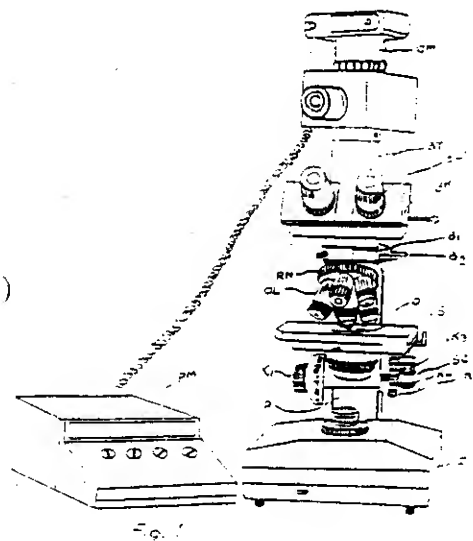
A photomicrography apparatus comprising:

- (i) a microscope with a condenser;
- (ii) a camera adapted to be held to the eyepiece lens characterized in that;
- (iii) a retarder plate having a plurality of plates constituting a circular polarize
 being mounted on the foot of the microscope and before the objective lens.

Agent : L.S. DAVAR & CO.

(Complete Specification Pages 09 Drawing Sheets -2)

(Provisional Specification Pages 05 Drawing sheets-Nil)



Indian Classification	:	53 C	189296
4			
International Classification	:	F 16H 9/00	
Title	:	"AN IMPROVED BICYCLE DERAILLEUR GEAR SHIFTING SYSTEM"	
Applicant	:	SPARK ENGINEERING PVT. LTD., an Indian company of Meryfur House Delhi - 110 007, India.	
Inventors	:	BRIJ KUMAR AGGARWAL - INDIA. ANOOP AGGARWAL - INDIA.	
Kind of Application	:	PROVISIONAL/COMPLETE.	

Application for Patent Number 1702/DEL/95 filed on 15.9.95.

Complete left after Provisional specification filed on 6.11.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(3 Claims)

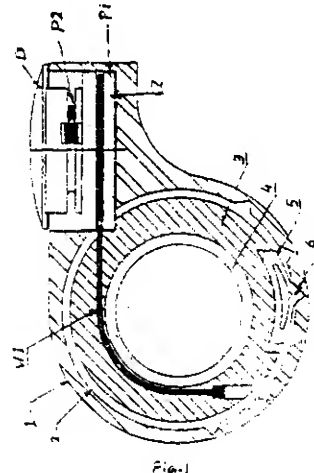
An improved bicycle derailleur gear shifting system comprising:

- derailleur shifting means operatively associated with the rear wheel of the bicycle,
- hand grip shift actuator means mounted on a bicycle handlebar,
- a first pulley means having a pawl mounted on the said rotatable portion of the shift actuator means, the said pawl has a notch which moves in the outer casing having dents, **characterized in that** a compound pulley consisting of two pulleys, one with lesser diameter and the other with the larger diameter connected with each other is provided with said derailleur shifting means through first control cable passing through the pulley having larger diameter and second control cable passing through a pulley with less diameter for rotating said shift actuator means upto 270°.

Agent: ~~THE~~ ACME COMPANY

(Provisional Specification Pages - 5 Drawing sheet - Nil)

(Complete Specification Pages - 5 Drawing sheet - 1)



Ind. Cl. : 32 F(2b). 189297

Int. Cl.⁸ : C12N 9/52.

: "A PROCESS FOR THE PREPARATION OF EXTRACELLULAR ALKALINE PROTEASE USING ALKALOPHILIC ACTINOMYCETE."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860).

Inventor(s) : RYALI SEETA LAXMAN—INDIA, BOMMARAJU SEETARAMANRAO—INDIA, SNEHAL VIJAY MORE—INDIA & MANDAYAM CHAKRAVARTHI SRINIVASAN—INDIA.

Kind of Application : PROVISIONAL—COMPLETE.

Application for Patent No. 2437/DEL/95 filed on 29.12.95.

Complete left after Provisional Specification filed on 27.03.97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

(5 Claims)

A process for the preparation of extracellular alkaline protease using alkalophilic actinomyceete which comprises: of growing the novel streptomyceete having characteristics as here in described on a medium containing assimilable conventional carbon and nitrogen sources in known manner at a pH in the range of 9.5—10.5 and recovering the extracellular protease produced by conventional methods of extraction and separation.

(Provisional Specification 07 pages

Drawing Sheet—Nil)

(Complete Specification 14 pages

Drawing Sheet—Nil)

Indian Classification	:	77 B2	189298
International Classification ⁴	:	C11B 1/10	
Title	:	"A PROCESS FOR DETOXIFICATION OF JATROPHA SEED OIL . "	
Applicant	:	Director, Forest Research Institute, P.O. New Forest, Dehra Dun-248 006. INDIA.	
Inventors	:	PREM PAL JAIN - INDIAN RAVINDRA SINGH - INDIAN	
Kind of Application	:	Provisional-Complete	

Application for Patent Number 1575/Del/98 filed on 9th Jun. 1998.
Complete left after provisional on 7.9.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(5 Claims)

A process for the detoxification jatropa seed oil comprising neutralization of free fatty acids from the oil, mixing said neutralized oil with a polar solvent in the ratio of 10:0.8-1.2 in one flask, taking a non-polar solvent in another flask in the ratio of 5:1-1.5 of the oil, attaching said flasks to liquid-liquid extraction assembly and heating the flask containing non-polar solvent to a temperature of 60 to 80°C so as to dissolve the oil therein, removing the oil from the petroleum ether by distillation method and then bleaching said oil to get the detoxified oil .

Agent : L. S. DAVAR & CO.

(Provisional specification 4 pages Drawings Nil Sheets)
(Complete Specification 7 Pages Drawings Nil Sheet)

Indian Classification	:	32 F (3C)	189299
International Classification ⁴	:	C07C 49/603	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF 1R-cis-2,2-DIMETHYL-3-(2', 2'-DIBROMOVINYL)-CYCLOPROPANE CARBOXYLIC ACID (DELTAMETHRIC ACID), FROM 1R-cis-2,2-DIMETHYL-3-(1'-HYDROXY-2',2',2'-TRIBROMOETHYL)-CYCLOPROPANE CARBOXYLIC ACID (BROMOACID) USING A SINGLE REACTOR. "	
Applicant	:	MONTARI INDUSTRIES LIMITED, an Indian Company of 78, Nehru Place New Delhi-110 019, India.	
Inventors	:	ALOK KHULLAR- INDIAN INDER KUMAR PANDEY- INDIAN RAJEEV KUMAR SHARMA - INDIAN SUDHIR KUMAR SHARMA - INDIAN DHANANJAY SHRIVASTAVA- INDIAN RAJARAM - INDIAN SUNDARESAN MADHUSOODANAN - INDIAN	
Kind of Application	:	Provisional-Complete	

Application for Patent Number 2227/Del/98 filed on 30th July 1998
Complete left after provisional on 12.2.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

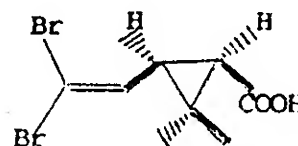
(6 Claims)

An improved process for the preparation of 1R-cis-2, 2-Dimethyl-3-(2',2'-dibromovinyl)- cyclopropane carboxylic acid (Deltamethric Acid), (figure I), from 1R-cis-2,2-dimethyl-3-(1'-hydroxy-2',2',2'-tribromoethyl)-cyclopropane carboxylic acid (Bromoacid) (figure III)

in a single reactor comprising.

- reacting a solution of Bromoacid in a water immiscible polar/non-polar solvent with an acidic catalyst of the kind herein described and removing water by azeotropic distillation to complete lactonization and to get a solution of bromolactone in the solvent.
- removing the said acidic catalyst from the above solution by washing it with an aqueous bicarbonate/carbonate solution.
- concentrating the resulting solution to remove residual water azeotropically, followed by partial removal of the solvent to get a solution of predetermined concentration of Bromolactone in the solvent.
- reacting the above solution of Bromolactone in the solvent with zinc and 90% aqueous acetic acid solution to get crude Deltamethric acid, and
- purifying the crude Deltamethric acid via its sodium salt in a known manner to get pure Deltamethric acid, wherein the above steps, instead of being carried out in separate reactors, are carried out in the same single reactor to be economical and environmental friendly.

Agent : **THE ACME COMPANY**



(Provisional specification 8 pages Drawings Nil Sheets)
(Complete Specification 10 Pages Drawings 1 Sheet)

I. **Deltamethric acid**

Indian Classification : 55 D 189300
International Classification : A 01 N 25/00
Title : "AN IMPROVED PROCESS FOR PREPARING DELTAMETHRIN ((S)- α -CYANO-3-PHENOXYBENZYL-(1R,3R)-3-(2',2'-DIBROMOVINYL)-2,2-DIMETHYL CYCLOPROAPANECARBOXYLATE) FROM HEMIACETAL".
Applicant : MONTARI INDUSTRIES LIMITED, an indian Company, of 78 Nehru Place, New Delhi-110 019, India.
Inventors : ALOK KHULLAR
INDER KUMAR PANDEY
RAJEEV KUMAR SHARMA
SUDHIR KUMAR SHARMA
DHANANJAY SHRIVASTAVA
JANAKIRAM RAJARAM
SUNDARESAN MADHUSOODANAN
ALL INDIAN.
Kind of Application : COMPLETE

Application for Patent Number 3262/Del/98 filed on 03.11.98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.
(07 Claims)

A process for preparing Deltamethrin ((S)- α -Cyano-3-phenoxybenzyl-(1R,3R)-3-(2',2'-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate) from Hemiacetal comprising:

step 1- adding simultaneously Hemiacetal and bromoform from separate addition points to a solution of an alkali metal hydroxide in an alcohol along with an organic ether such as tetrahydrofuran (THF), at -10°C to 0°C , stirring the reaction mass at low temperature until the completion of the reaction, diluting the mixture with water, recovering the solvent mixture at $60-80^{\circ}\text{C}/760$ mm Hg for re-use, dissolving the alkali metal salt of the Bromoacid by addition of required amount of water, extracting the impurities with a water immiscible polar/non-polar solvent, acidifying the aqueous mass with mineral acid to pH 2, and isolating the precipitated Bromoacid either by filtration or by extraction with a water immiscible polar/non-polar solvent,

step 2- heating a solution of the said Bromoacid in a polar/non-polar solvent and p-toluene sulfonic acid (PTSA) at 80 to 120°C in a known manner and continuously removing water to form Bromolactone, removing the PTSA using 2-5% aqueous alkali metal carbonate/bi-carbonate solution followed by azeotropic water removal and then partial solvent stripping under reduced pressure ($70-75^{\circ}\text{C}/350-600$ mm Hg) to have a solution of the Bromolactone of a known concentration in the solvent,

step 3- adding aqueous acetic acid to a solution of the said Bromolactone in the solvent, stirring at $25+5^{\circ}\text{C}$, then adding zinc powder in a known manner and stirring until the reaction is complete, diluting the reaction mixture with water, extracting the crude Deltamethric acid (DMA) with a water immiscible polar/non-polar solvent, adding aqueous alkali metal hydroxide solution to the said solvent layer to extract DMA as its alkali metal salt, acidifying the said alkali metal salt solution with aqueous mineral acid to pH 2 and isolating the precipitated DMA by filtration or by extraction with a water immiscible polar/non-polar solvent followed by removal of the solvent under reduced pressure,

said steps 2 and 3, are carried out in single reactor to save infrastructure and energy

step 4- preparing Deltamethric acid chloride from said DMA by reacting it with thionyl chloride and a catalyst, dimethyl formamide, reacting the said acid chloride with sodium cyanide and meta-phenoxy benzaldehyde to get crude Deltamethrin along with R-diastereoisomer and epimerising the mixture to Deltamethrin in iso-propanol in the presence of a base, tri-ethyl amine, at $20-25^{\circ}\text{C}$ for 20-30 hours in a known manner and isolating pure Deltamethrin by filtration followed by drying.

AGENT: THE ACME COMPANY

(COMPLETE SPECIFICATION 16 SHEETS

DRAWING SHEETS - 01 -)

Indian Classification : 206 E 189301
 International Classification : A 41 G 7/00
 Title : "AN IMPROVED DEVICE USEFUL FOR ALIGNMENT OF MASK WITH WAFERS DURING PREPARATION OF ELECTRONIC DEVICES"
 Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110001, India, an Indian registered body incorporated under the Registration of Societies Act.
 Inventors : VIJAY TRIMBAK CHITNIS, RINA SHARMA, ALOK KUMAR KANJILAL, RAM NARAIN, RASHMI, VASANT DATTATRAYA DANDAWATE, SANJAY RAIZADA, JAGDISH RAJ ANAND, ALEVOOR GURURAJ BHAT, KOWSALYA VARDHAN AND BRAHM PAL SINGH – ALL INDIAN CITIZENS.
 Kind of Application : COMPLETE.

Application for Patent Number 903/DEL/94 filed on 18.7.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(2 Claims)

An improved device useful for alignment of mask with wafer during preparation of electronic devices which comprises. three laser beam splitters (1) (capable of directing the zero order) one each for X,Y and θ axes, two parallel wafers (8,5) being kept below and perpendicular to the said laser beam splitters reflected from the said beam splitters (1), the said wafers (8,5) being provided with grating mark (6,7) for making alignment, three photo detectors (2) (one each for X,Y & θ axes) being placed so as to convert the said laser beam reflected/diffracted from the gratings to electrical signal, the output of each of the said photo detectors being connected to an analog/digital (A/D) converter (3), the output of the said A/D converter being connected to a microcomputer (4), the said wafer (5) being mounted onto a stage driven by three micrometers coupled with piezoelectric transducers (PZT) (9,10,11) (one each for movement in X,Y & θ axes) each of the PZT micrometers being connected to the said microcomputer (4) through a high voltage amplifier (12) and a digital analog (A/D) converter (13).

Complete Specification pages --8

Drawing sheets—2

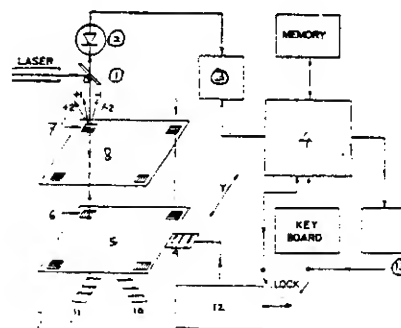


Fig 4

Indian Classification : 32B 189302

International Classification⁴ : C07C 5/42

Title : **"A PROCESS FOR THE PRODUCTION OF SATURATED COMPOUNDS FROM MONO OLEFINIC COMPOUNDS, DIOLEFINIC AND /OR ACETYLENIC COMPOUNDS".**

Applicant : **CHEMICAL RESEARCH & LICENSING COMPANY, a corporation organized and existing under the laws of the State of Texas, United States of America of 10100 Bay area Boulevard, Pasadena, Texas 77507, United States of America.**

Inventors : **DENNIS HEARN-US.
ROBERT PAUL ARGANBRIGHT-US.
EDWARD MAURICE JONES-US.
LAWRENCE ALFRED SMITH-US.
GARY ROBERT GILDERT-CANADIAN.**

Kind of Application : COMPLETE.

Application for Patent Number 911/DEL/94 filed on 18.07.94

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)
Patent Office, Delhi Branch, New Delhi - 110 008.

(10 Claims)

A process for the production of saturated compounds from mono olefinic compounds, diolefinic and /or acetylenic compounds comprising the steps of :

- (a) feeding (1) a hydrocarbon stream containing mono olefinic compounds, diolefinic and /or acetylenic compounds and (2) a second stream containing hydrogen to distillation reaction column;
- (b) concurrently contacting said streams in a distillation reaction zone with a hydrogenation catalyst of the kind herein defined at an effectuating hydrogen partial pressure in the range of from 0.1 psia to less than 70 psia at a temperature in the range of 40 to 300°F, said hydrogenation catalyst being a component of a distillation structure thereby selectively hydrogenating said mono olefinic compounds, diolefinic and/or acetylenic compounds to form saturated compounds in partial liquid phase.

Agent : REMFRY & SAGAR.

Complete Specification 43 Pages Drawing 04 Sheets)

Indian Classification : 83 A1 189303

International Classification⁴ : A 23 L 1/164, 1/18

Title : "AN IMPROVED DEVICE FOR CONTINUOUS PRODUCTION OF IDLIS "

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI 110001, Indian registered body incorporated under the Registration of Societies Act.

Inventors : CHIKARKALGUD THAMMAIAH MURTHY, VENKATA DASAIAH NAGARAJU, PULLUR NARAYANA RAO SRINIVASA RAO, VUNDAWADI NAGARAJA RAO SUBBARAO, ALL INDIAN

Kind of Application : COMPLETE

Application for Patent Number 950/Del/94 filed on 27.07.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(06Claims)

An improved device for the continuous production of idlis which comprises an endless conveyor (7 & 14) having indented carriers cups, the said conveyor being enclosed in a chamber (A), characterized in that a batter storage (1) having volumetric control feeder (2), for feeding the batter being provided on the one end of the said chamber, the said feeder (2) being placed above starting end (7A) of the said conveyor, a steam spreader (11) being provided inside the said chamber and below the said conveyor, the said spreader (11) provided with nozzle for sparging steam on to the said conveyor, the said chamber being provided with a clean in place (CIP) cleaning arrangement consisting of a hot water pressure spray (9) followed by an alkali spray (10), followed by another hot water spray (12), an outlet (13) being provided for collecting and recirculating the washed water & alkali, the said chamber having an outlet chute (8) for discharging cooked idlis, the said chamber being provided with steam pressure gauge (3), temperature recorder (4) and a pressure relief valve (5), steam is being feed to the said chamber through flow control valve (6).

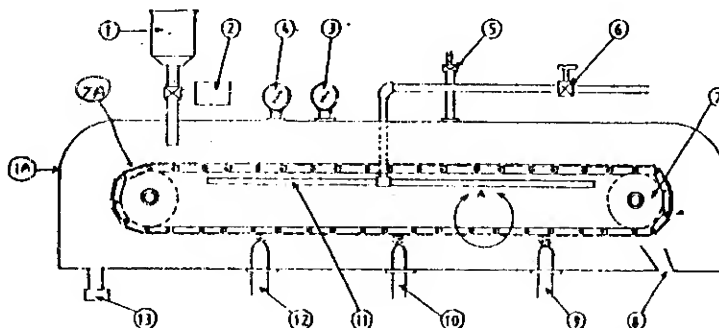


FIG. 1A

(COMPLETE SPECIFICATION 08 PAGES DRAWING SHEET -01-,

Indian Classification : A 4_A 189304
International Classification⁴ : E 01 F 8/00
Title : "A NOISE CANCELLATION DEVICE".
Applicant : UDAY GUPTA, an Indian National of
4634, Ajmeri Gate, Delhi – 110006, INDIA.
Inventors : UDAY GUPTA - INDIA
Kind of Application : PROVISIONAL/COMPLETE

Application for Patent Number 1003/Del/94 filed on 05.08.1994
COMPLETE LEFT AFTER PROVISIONAL SPECIFICATION FILED ON 04.12.95
Post dated to 05/12/94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 008.

(03 Claims)

A noise cancellation device comprising microphones being connected directly to the headphones/speakers and also through an electronic controller having an analyser, the outlet of said analyser connected to the counter noise generator and to the demodulator, said demodulator being connected to said speakers and provided for analyzing the noise and generating the anti-noise wave to be sent to said speakers such that to cancel the offensive noise wave.

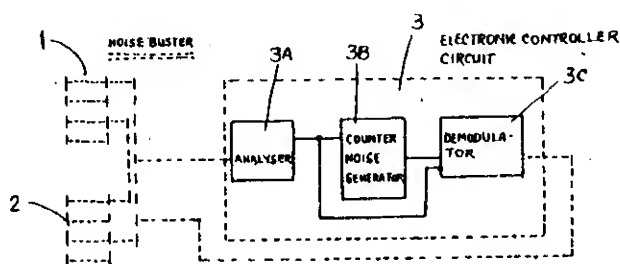


Fig. 1

AGENT: L. S. DAVAR & COMPANY.

(PROVISIONAL SPECIFICATION 04 SHEETS
(COMPLETE SPECIFICATION 06 SHEETS

DRAWING SHEETS-NIL)
DRAWING SHEETS -01)

Indian Classification :- 189 189305

International Classification⁴ :- A 61 F 13/16

Title :- "A Disposable absorbent article"

Applicant :- The Procter & Gamble Co., a corporation organised and existing under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America,

Inventors :- ROE, DONALD CARROLL - USA

Kind of Application :- COMPLETE

Application for Patent Number 1063/del/1994 filed on 22/8/1994

Complete left after Provisional Specification filed on Complete filed on :

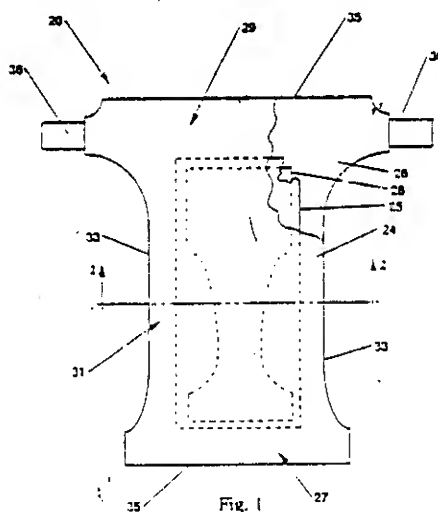
Convention Date

Divided out of Application for Patent Number filed on

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch - 110 008.

Claims (10)

A disposable absorbent article comprising a liquid pervious first topsheet, a liquid impervious backsheet at least partially peripherally joined to said first topsheet a fecal material storage element intermediate said first topsheet and said backsheet characterized in that said fecal material storage element having two major faces, a first major face oriented towards said first topsheet and a second major face oriented towards said backsheet such that said disposable absorbent article has a trans-topsheet capacity of greater than 0.2 grams/6.45 square centimeter (1 square inch).



Agent Lall Lahiri & Saihotra, LLS House, N-128, Panchsheel Park, New Delhi. 110017

Complete Specification

No of Pages

24

Drawings Sheets

03

Indian Classification : 39 189306

International Classification : C01G 23/00

Title : "A PROCESS FOR THE PREPARATION OF A NOVEL POROUS CRYSTALLINE TIN-CONTAINING MOLECULAR SIEVE CATALYST."

Applicant : Council of Scientific & Industrial Research, INSDOC Building, 14, Satsang Vihar Marg, Special Institutional Area, N. Delhi-110 067.

Inventors : NAWAL KISHOR MAL—INDIA, VEDA RAMASWAMY—INDIA, ARUMUGAMANGALAM VENKATARAMAN RAMASWAMY—INDIA.

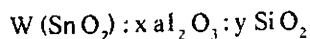
Kind of Application : COMPLETE.

Application for Patent Number, 1189/Del/1994 filed on 23.09.1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch-110 008.

(Claims 07)

A process for the preparation of porous, crystalline tin-containing molecular sieve catalyst having formula in terms of mole ratios of oxides in the an anhydrous state :



Wherein $w = 0.0003$ to 0.03 ; $x = 0$ to $(0.035 - w)$ and $y = 1 - w - x$, the said catalyst characterized by an x-ray diffraction pattern and physico-chemical properties such as herein described and the said process comprises the steps of :

- forming a complex by mixing a source of silicon, a source of tin in the presence or absence of aluminium source and an agent selected from acetylacetone, tartarate, citrate or oxy-anion, which is capable to form complex with silicon and tin source, at a pH below 4;
- adding a nitrogen containing organic compound preferably tetrapropyl ammonium having nitrogen containing group R_4N^+ , where R_4 represents an alkyl group having 2 to 5 carbon atoms to obtain a gel;
- autoclaving the resultant gel at autogeneous pressure and at a temperature in the range of $100-200^\circ\text{C}$ under static or rotating condition for 10 to 72 hrs, followed by quenching, filtering, washing, drying and then calcining the dried material at a temperature in the range of $400-600^\circ\text{C}$ for a period of 12-24 hours to gel the porous crystalline tin containing molecular sieve catalyst.

Complete Specification Page No. 24 Drawing Sheets—NIL.

Indian Classification	:	85, H, J	189307
International Classification ⁴	:	F 27 B 1/00	
Title	:	"AN IMPROVED VERTICAL SHAFT KILN (VSK) USEFUL FOR MANUFACTURING CEMENT AND OTHER ALLIED PRODUCTS".	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI 110001, Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	UMESH CHANDRA BORAH PRANAB BARKAKATI DILIP KUMAR DUTTA JAYANTA JYOTI BORA PARAN PHUKAN NC DEY WAHID AHMED SUBODH CHANDRA KALITA DIPAK BORDOLOI AJIT BARUAH ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number 1192/Del/94 filed on 23.09.1994.

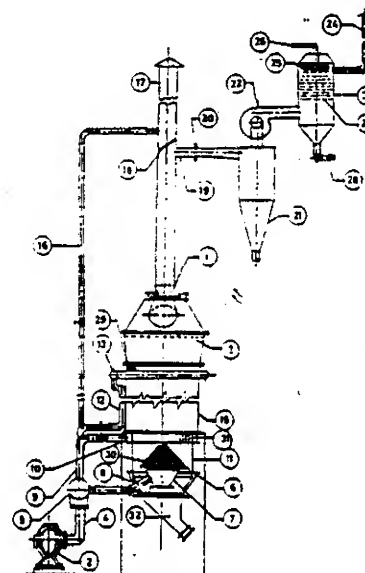
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(03 Claims)

An improved vertical shaft kiln (VSK) for manufacturing cement and other allied products, which comprises a rotary nodule feeder (1) for feeding the raw material fitted above the kiln bed (2), an air blower (3) being connected to the said kiln through duct (4) to one of the common air header (5), the said air header (5) having a plurality of outlet air ducts (6,9,12 & 16), the said air duct (6) being connected to an air cone (7) placed inside an armoured shell (11) of a vertical shaft kiln (VSK), the said air cone being provided with a grate assembly (8) having a plurality of peripheral air slots, the said air duct (9) being connected to an air box (10) placed above the said armoured shell (11), the said air box having perforations (31) on the inside vertical wall, the air duct (12) being connected to an air box (10) placed above the said armoured shell (11), the said air box having perforations (31) on the inside vertical wall, the air duct (12) being connected to an air header (13) having air entry nozzles (14) just below the sintering zone (15) of the said kiln, the said air duct (16) being connected to the chimney (17) of the said kiln, the said chimney being provided with a butterfly valve (18) below the said air duct (16), the chimney being also provided with a bypass duct (19) below the said butterfly valve, the bypass duct being connected through means (20) to a cyclone separator (21) fitted with a fan (22) for drawing the stack gases, the outlet of the cyclone separator being connected to an outlet duct (24) through a scrubber (23,25,26,27 & 28), a known sensor alarm (29) being provided on the said kiln body.

AGENT:

(COMPLETE SPECIFICATION 12 PAGES DRAWING SHEET -03-)



Indian Classification : 9 D, E 189308

International Classification : C 22 C 1/00.

Title : "A PROCESS FOR PREPARING AUSTENITIC STAINLESS STEEL ALLOY".

Applicant : CRS Holdings, Inc, a corporation of Delaware having its principal office at 209 F Baynard Building, 3411 Silverside Road, Wilmington, Delaware 19810, USA.

Inventors : THEODORE KOSA
JOHN HAMBACH MAGEE, JR.
JAMES W. MARTIN
RONALD P. NEY, SR. ALL U.S.A.

Kind of Application : COMPLETE

Application for Patent Number 1204/DEL/1994 filed on 26.09.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(12 Claims)

A process for preparing an austenitic stainless steel alloy having a good combination of machinability and low magnetic permeability comprising melting essentially of, in weight percent,

C	0.035 max.
Mn	1.0 - 4.0
Si	1.0 max
P	0.2 max
S	0.15 min
Cr	16.0 - 20.0
Ni	9.2 - 12.0
Mo	1.5 max
Cu	2.0 max
N	0.035 max
Se	0.1 max.

The balance essentially iron, wherein $\{\%Ni + 2(\%Cu)\} \geq 10.25$.

AGENT : ANAND & ANAND.

(COMPLETE SPECIFICATION 16 SHEETS

DRAWING SHEETS -NIL-)

Indian Classification : 206 K, I, E 189309
 International Classification : H 04B 7/00
 Title : "A RADIO FREQUENCY TEST LOOP APPARATUS"
 Applicant : TELEFONAKTIEBOLAGET LM ERICSSON, a corporation of Sweden, of S-126 25 Stockholm, Sweden.
 Inventors : MATS ERLAND ERIKSSON, HANS LENNART RINBACK, HAKAN OLOV DJUPHAMMAR, OLOV TOMAS EDLER AND SVEN ERIK NILSSON – ALL SWEDISH CITIZENS.
 Kind of Application : COMPLETE.

Application for Patent Number 1572/DEL/94 filed on 02.12.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

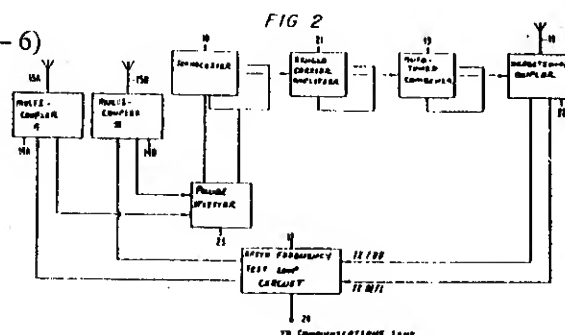
(6 Claims)

A radio frequency test loop apparatus for testing a base station of a time division multiple access radio communications system of the type having carrier signals divided into a plurality of frames and time slots for uplink and downlink communications, the uplink and downlink time slots having a time offset therebetween during a non-test mode, the base station including at least one transmitter (10') and receiver (10''), comprising:

means for directionally coupling (22) an-output signal of the transmitter (10') during a predetermined downlink time slot, the output signal of the transmitter (10') being a test stimuli;
 a test loop circuit (12), coupled to the directional coupling means (22), for transposing the frequency of the output signal from the transmitter (10') to a frequency capable of being received by the receiver (10'') of the base station during a predetermined uplink time slot; and
 means for coupling the output of the test loop circuit (12) to the receiver (10''), such that the predetermined downlink time slot and the predetermined uplink time slot are looped.

Agent: Remfry & Sagar

(Complete Specification Pages – 18 Drawing sheets – 6)



Indian Classification	:	39 E	189310
International Classification ⁴	:	C01D 7/32	
Title	:	"PROCESS FOR THE RECOVERY OF INORGANIC SODIUM COMPOUNDS FROM KRAFT BLACK LIQUOR. "	
Applicant	:	The Director, Indian Institute of Technology, Kanpur, Dr. Prashant Kumar Bhattacharya, Professor, Chemical Engineering and Sirshendu De, Research Scholar, Chemical Engineering, Indian Institute of Technology, Kanpur – 208016. INDIA.	
Inventors	:	DIRECTOR - INDIAN PRASHANT KUMAR BHATTACHARYA– INDIAN SIRSHENDU DE – INDIAN	
Kind of Application	:	Provisional-Complete	

Application for Patent Number 814/Del/95 filed on 3rd May. 1995.
Complete left after provisional on 24.5.96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(2 Claims)

A process for the recovery of inorganic sodium compounds from the Kraft Black Liquor which comprises the following steps :

- (i) Pressure Carbonation of Kraft Black Liquor by treatment with carbon dioxide,
- (ii) The resultant solution is treated by an open Ultrafiltration (UF) membrane in cross flow geometry at a low pressure to separate higher molecular weight fractions of Lignin in the Kraft Black Liquor,
- (iii) The permeate of the UF is then subjected to Nanofiltration (NF) which rejects almost all the organic molecules and passes water along with inorganic compounds which are mainly sodium carbonate salt.

Agent : NAGPAUL & ASSOCIATIONS

(Provisional specification 4 pages Drawings Nil Sheets)
(Complete Specification 5 Pages Drawings Nil Sheet)

Indian Classification : 55D1,54 189311

International Classification⁴ : A61 K 35/78

Title : **“A PROCESS FOR THE PREPARATION OF A SPERMICIDAL SUBSTANCE”.**

Applicant : The chief Controller, Research & Development, Ministry of Defence Govt. of India, B-341, Sena Bhawan, DHQ PO, New Delhi-110 011, INDIA.

Inventors : **CHAKRAVARTHY NAINAR DEVAKUMAR. GOVINDASAMY ILAVAZHAGAN-all Indian.**

Kind of Application : PROVISIONAL/COMPLETE.

Application for Patent Number 494/del/98 filed on 26.02.98
Complete left after Provisional specification filed on 22.02.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch, New Delhi – 110 008.

(06 Claims)

A process for the preparation of spermicidal substance comprising mixing a spermicidal agent of neem as herein described with a herbal agent as herein described in the ratio of 1:1 to 5:1, a vehicle alongwith hydroxy carboxylic acids and sodium or potassium bicarbonate present in the amount of 5 to 20% by weight, being added to said mixture to get said preparation.

Agent : L.S.DAVAR & CO.

(Provisional specification 06 Pages Drawing **NIL** Sheet.)
(Complete Specification 09 Pages Drawing **NIL** Sheet)

Indian Classification	:	32, 55E3	189312
International Classification ⁴	:	C07G 15/00, C07K 15/00	
Title	:	"A PROCESS FOR THE PRODUCTION OF PROTEINS AND HORMONES IN LARGE VOLUMES."	
Applicant	:	NATIONAL INSTITUTE OF IMMUNOLOGY, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Aruna Asaf Ali Marg, New Delhi -110067, India.	
Inventors	:	AMULYA KUMAR PANDA – INDIAN KUMMARAPURUGU BALACHANDRA APPA RAO -INDIAN SATISH MAHADEO RAO TOTEY- INDIAN	
Kind of Application	:	Provisional-Complete	

Application for Patent Number 594/Del/98 filed on 6th March, 1998.
Complete left after provisional on 7.6.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(11 Claims)

A process for the production of proteins and hormones in large volumes, said process comprising the steps of :

- i) culturing recombinant *Escherichia coli* cells in a medium containing glucose and yeast extract in the proportion 1:0.75, unto 11 hours at 37⁰C, at near neutral pH, under aerobic conditions until the cell concentration reaches an optimum density of about 86,
- ii) adding 1-3 mM isopropyl β -D-thiogalactopyranoside to the medium to induce expression of the recombinant *E. coli* cells,
- iii) adding nutrients to the medium based on the specific growth rate of the cells, in a manner such as herein described,
- iv) harvesting the cells 5 hours after induction of isopropyl β -D-thiogalactopyranoside, and
- v) isolating the protein produced in the medium by a method known per se.

Agent : KUMARAN & SAGAR

(Provisional specification 6 pages Drawings Nil Sheets)
(Complete Specification 23 Pages Drawings 6 Sheet)

Indian Classification : 55 E₁ 189313
International Classification⁴ : A 61K—31/00, 39/00.
Title : **“A METHOD FOR PRODUCING
ANTI-CD22 ANTIBODIES”.**
Applicant : IMMUNOMEDICS, INC., of 300
American Road, Morris Plains, New Jersey 07950,
USA.
Inventors : DAVID M. GOLDENBERG-USA.
Kind of Application : COMPLETE/CONVENTION.

Application for Patent Number 705/DEL/98 filed on 20.03.98.

Convention date: 24.03.97; 60/041,506; USA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent
Office, Delhi Branch, New Delhi – 110 008.

(11 Claims)

A method for producing anti-CD22 antibodies, said method comprising the step of ;

- (a) reacting an antibody component having an oxidized carbohydrate portion with a carrier polymer having at least one free amine function and loaded with a plurality of drug, toxin, chelator, boron addends, or other therapeutic agent, to obtain an initial Schiff base (imine) intermediate,
- (b) stabilizing the intermediate obtained in step (a) by reduction to obtain secondary amine, which is purified in a manner known per se, to form a anti-CD22 antibodies.

Agent : KUMARAN & SAGAR.

(Complete Specification 34 Pages Drawing NIL Sheet)

Indian Classification : 55 F 189314

International Classification : A 61 K - 31/16

Title : "A PROCESS FOR THE PREPARATION OF NOVEL SYNTHETIC PEPTIDE EPITOPE USEFUL FOR DIAGNOSIS OF ASPERGILLOSIS"

Applicant : **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)

Inventors : PURNAM USHA SARMA
TARUNA MADAN
PRIYANKA PRIYADARSINY
ALL INDIAN.

Kind of Application : COMPLETE

Application for Patent Number 746/Del/98 filed on 24.03.98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(10 Claims)

A process for the preparation of a novel synthetic peptide epitope, having the amino acid sequence Leucyl-asparaginyl-prolyl-lysyl-threonyl-asparaginyl-lysyl-tryptophanyl-glutamyl-aspartyl-lysyl-arginyl-tyrosine useful for the diagnosis of aspergillosis which comprises loading of suitably protected leucine such as t-butyloxycarbonyl (Boc), benzoyloxycarbonyl (Z), 2-chlorobenzoylcarbonyl (Cl-Z) or 9-fluorenylmethoxycarbonyl (Fmoc) protected leucine attached with appropriately functionalised polystyrene resin by conventional methods in the presence of organic solvents, treating the said leucine loaded resin with deblocking agents as here in defined, thereby deblocking of the protected moiety from the α -amino group of leucine, coupling a suitably protected asparagine using known coupling reagents, repeating the steps of coupling and deblocking with suitably protected proline, lysine, threonine, asparagine, lysine, tryptophan, glutamine, aspartic acid, lysine, arginine and tyrosine, drying the resin coupled with desired peptide sequence by conventional methods, cleaving of the peptide from the resin by acid treatment and neutralizing the cleaved peptide conventional methods, deblocking of the protecting groups of the side chains of the various amino acids, followed by hydrogenation and repeated precipitation to obtain the desired peptide.

AGENT :
(COMPLETE SPECIFICATION 15 SHEETS DRAWING SHEETS – NIL -)

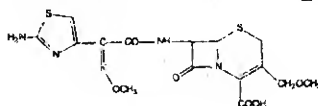
Indian Classification	:	55 E 4	189315
International Classification ⁴	:	A61K 31/00	
Title	:	"PROCESS FOR THE PREPARATION OF CEFPODOXIME ACID."	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi - 110019, INDIA.	
Inventors	:	YATENDRA KUMAR - INDIAN RAKESH KUMAR ARORA - INDIAN KAPTAN SINGH - INDIAN HASHIM NIZAR PN - INDIAN SHANTANU DE - INDIAN JAG MOHAN KHANNA - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 1219/Del/98 filed on 8th May, 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008

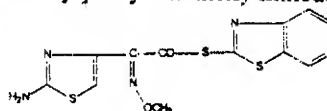
(8 Claims)

A process for the preparation of cefpodoxime acid having the Formula I



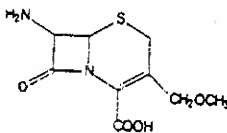
FORMULA I

which comprises reaction 2-[2-aminothiazol-4yl]-2-syn-methoxyiminoacetic acid - 2-benzothiazolyl thioester of Formula II,



FORMULA II

with 3-methoxymethyl-7-aminocephalosporanic acid of Formula III,



FORMULA III

in the presence of an organic solvent and an organic base as herein described and optionally in the presence of water, washing with a water-immiscible solvent as herein described, precipitating the product by adjusting the pH to an acidic pH, isolating and drying the product having the Formula I.

Agent : NAGPAUL & ASSOCIATES.

(Complete Specification 9 Pages Drawings 3 Sheets)

Indian Classification	:	55 E XIX (1)	189316
International Classification ⁴	:	A61K 35/00, 31/00	
Title	:	"A PROCESS FOR THE PREPARATION OF A NOVEL SYNERGISTIC HERBAL COMPOSITION USEFUL IN THE TREATMENT OF ACUTE HEPATITIS E INFECTION. "	
Applicant	:	DABUR RESEARCH FOUNDATION, an Indian company of 22, Site IV, Sahibabad, Ghaziabad 201 010, INDIA.	
Inventors	:	RAJ MEHROTRA - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 1403/Del/98 filed on 25th May 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(7 Claims)

A process for the preparation of novel synergistic pharmaceutical herbal composition for treatment of acute and chronic viral hepatitis, hepatitis E virus infection, therapeutic effect of hepatitis B virus infection and as a hepatoprotective agent, said process comprising the steps of:

- preparing an extract of whole or parts of essential plants selected from *Rheum emodi* Wall., *Phyllanthus amarus* Linn., *Eclipta alba* Hassk., *Andrographis paniculate* Nees and *Picrorhiza kurroa* Royle ex Benth., and optionally adjuvants selected from *Fumaria officinalis* Linn., *Tinospora cordifolia* Miers., *Terminalia chebula* Retz., *Cichorium intybus* Linn, *Tephrosea purpurea* Linn. and *Boerhaavia diffusa* with a solvent such as hereindescribed, wherein the extract per dose of the essential plants ranges from 25 to 250 mg and the extract per dose of the optional plants ranges from 5 to 50 mg,
- evaporating the extract under reduced pressure below 50°C to obtain a residue,
- mixing the residue with pharmaceutically acceptable neutral agents as hereindescribed, and preparing the herbal composition by methods known per se.

Agent : KUMARAN & SAGAR

(Complete Specification 31 Pages Drawings Nil Sheets)

Indian Classification : 55 F 189317

International Classification⁴ : A61K 9/72, 9/12

Title : "A PROCESS FOR PREPARING A SOLUTION COMPOSITION FOR USE IN AN AEROSOL INHALER."

Applicant : CHIESI FARMACEUTICI S.P.A., a joint stock company established under the Italian laws of Via Palermo 26/A, 43100 Parma, Italy -

Inventors : DAVID LEWIS - BRITISH
DAVID GANDERTON - BRITISH
BRIAN MEAKIN - BRITISH
PAOLO VENTURA - ITALY
GAETANO BRAMBILLA - ITALY
RAFFAELLA GARZIA - ITALY

Kind of Application : Convention-Complete

Application for Patent Number 1604/Del/ 98 filed on 18th June 98.
Convention date 13.6.1997/9712434.1/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(9 Claims)

A process for preparing a solution composition for use in an aerosol inhaler, which process comprises mixing in a manner as herein described 0.1 to 1% of an active material, 8 to 25% of a cosolvent such as an alcohol and 0.2 to 20% by wt. of a low volatility component of the kind herein described having a vapour pressure at 25°C of not more than 0.1 kPa to increase the mass median aerodynamic diameter (MMAD) of the aerosol particles on actuation of the inhaler and the balance being a propellant comprising a hydrofluoroalkane selected from the group consisting of 1,1,1,2-tetrafluoroethane, 1,1,1,2,3,3,3-heptafluoropropane, or a mixture thereof.

Agent : Remfry & Sagar

(Complete Specification 35 Pages Drawings Nil Sheets)

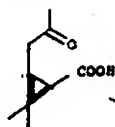
Indian Classification	:	32 F (3C)	189318
International Classification ⁴	:	C07C 49/603	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF (-)-1R-cis-2,2-dimethyl-3-(2-oxopropyl) cyclopropane carboxylic acid from (-)-3-Caren-5-one."	
Applicant	:	MONTARI INDUSTRIES LIMITED, an Indian Company of 78, Nehru Place New Delhi-110 019, India.	
Inventors	:	ALOK KHULLAR- INDIAN INDER KUMAR PANDEY- INDIAN RAJEEV KUMAR SHARMA - INDIAN SUDHIR KUMAR SHARMA - INDIAN DHANANJAY SHRIVASTAVA- INDIAN RAJARAM - INDIAN S. MADHUSOODANAN - INDIAN	
Kind of Application	:	Provisional-Complete	

Application for Patent Number 1631/Del/98 filed on 12th JUNE. 1998.
Complete left after provisional on 28.5.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 005.

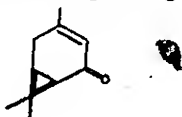
(7 Claims)

An improved process for the preparation of (-) 1R-cis-2, 2-Dimethyl-3-(2'-oxopropyl) cyclopropane carboxylic acid of formula I:



I. (-)-1R cis-2,2-dimethyl-3-(2'-oxopropyl)-cyclopropane carboxylic acid

from (-)-3-Caren-5-one of formula II comprising:



II. (-)-3-Caren-5-one

- dissolving (-)-3-Caren-5-one in a solvent such as herein described,
- cooling the solution to 0 to -12°C ,
- passing ozonised oxygen through the above solution at -10° to 12°C until oxonolysis is complete,
- passing nitrogen through the above solution to remove traces of dissolved ozone,
- adding the above solution slowly under agitation to an aqueous solution of a suitable reducing agent such as herein described at 0° to 5°C ,
- stirring the above solution at 0 to 5°C until peroxide test is negative,
- extracting the impure product with a water immiscible polar/non polar solvent such as herein described,
- distilling the said solvent under reduced pressure to get a crude product (-) 1R-cis-2, 2-dimethyl-3-(2'-oxopropyl) cyclopropane carboxylic acid (C_9 -Keto acid),
- dissolving the above crude product in a water immiscible polar/non polar solvent such as herein described,
- stirring the above solution with 3-5 parts by weight with respect to (-)-3-Caren-5-one of 10% aqueous alkali or alkaline earth metal carbonate, bi-carbonate or hydroxide solution, at pH 8-9 at $30 \pm 5^{\circ}\text{C}$ to form an aqueous solution of metal salt of C_9 Keto acid.
- Extracting out the non acidic impurities with a water immiscible polar/non polar solvent such as herein described,
- Acidifying the aqueous solution with a mineral acid to pH 1 to 2.
- Extracting the product with a water immiscible polar/non polar solvent such as herein described,
- Distilling off the solvent under reduced pressure to get chemically purified C_9 Keto acid,

Agent : ACME CO.

(Provisional specification 5 pages Drawings 1 Sheets)
(Complete Specification 8 Pages Drawings Nil Sheet)

Indian Classification : 32C. 189319

International Classification⁴ : C07D 277/20 C, 277/42, 277/82 417/12.

Title : "A PROCESS FOR PREPARING A PHARMACEUTICAL COMPOSITION".

Applicant : SMITHKLINE BEECHAM P.L.C., a British company, of New Horizons court, Brentford, Middlesex Tw8 9EP, England.

Inventors : STEPHEN ALISTAIR SMITH.-British.

Kind of Application : COMPLETE/CONVENTION

Application for Patent Number 1692/DEL/98 filed on 18.06.98

Convention date:- 9712854.0, 9806710.1 ; 18.06.97, 27.03.98 ; U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)

Patent Office, Delhi Branch, New Delhi – 110 008.

(08 Claims)

A process for preparing a pharmaceutical composition useful in the treatment of diabetes mellitus, said process comprising mixing from 2 to 12 mg of 5-[4-[2-(N-methyl-N-(2-pyridyl)amino) ethoxy] benzyl]thiazolidine-2, 4-dione (compound I), or a pharmaceutically acceptable salt thereof; sulphonylurea selected from 2.5 to 20 mg of glibenclamide, 2.5 to 40 mg of glipizide, 40-320 mg of gliclazide, 1 to 8 mg of glimepiride, 100 to 1000 mg of tolazamide or 1000 to 3000 mg of tolbutamide; and an effective amount of pharmaceutically acceptable carrier such as herein described to obtain the said composition.

Agent : REMFRY & SAGAR

Complete Specification Pages 14 Drawing NIL Sheets)

Indian Classification : 77B₂. 189320

International Classification⁴ : C07C 35/08.

Title : **"A METHOD FOR EXTRACTING
OILS HAVING XANTHOPHYLL
FROM OIL SEEDS".**

Applicant : Calgene LLC, a U.S Corporation, of 1920
Fifth Street, Davis, CA 95616, U.S.A.

Inventors : **CHRISTINE KIMBALL SHEWMAKER-
U.S.A**

Kind of Application : COMPLETE/CONVENTION

Application for Patent Number 2263/DEL/98 filed on 03.08.98

Convention date:-08/908758; 08.08.97; U.S.A.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Delhi Branch, New Delhi – 110 008.

(11 Claims)

A method for extracting oils having xanthophyll from oil seeds comprising:-

- subjecting said oil seeds of a transformed plant including a transcriptional initiation region from a gene preferentially expressed in a plant seed, DNA sequence derived from a carotenoid biosynthesis gene coding region and sequence encoding a plastid transit peptide, and a transcriptional termination region as herein described to extraction in any known manner to obtain oils from said seeds.

Agent : ANAND & ANAND.

Complete Specification Pages 57 Drawing 26 Sheets)

Indian Classification : 98 H 189321
4
International Classification : F 28 F 27/00
Title : "AN IMPROVED THERMOSTAT."
Applicant : INFOFOS INDUSTRIES LIMITED, an Indian
Company of 706-707, Surya Kiran, 19, Kasturba
Gandhi Marg, New Delhi-110 001.
Inventors : SHANTI SAGAR MALHOTRA - INDIA.
Kind of Application : PROVISIONAL / COMPLETE
Application for Patent Number 0254/DEL/94 filed on 03-03-94.
Complete left after Provisional filed on 22.03.95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi - 110 008.

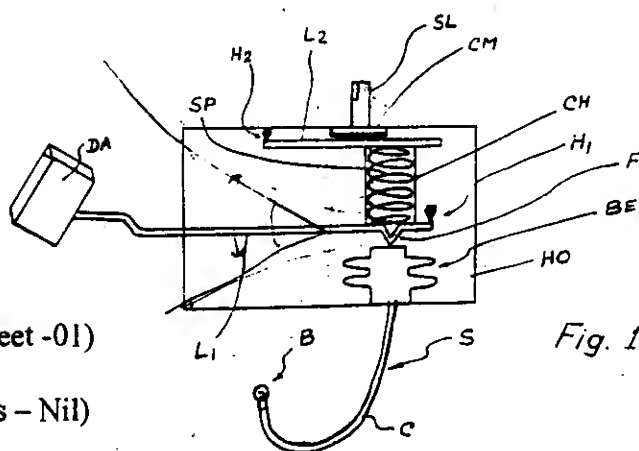
(05 Claims)

An improved thermostat comprising a housing HO for accommodating a lever L₁ hinged securedly at one end thereof, a damper plate DA being secured to the opposite end of said lever L₁ for regulating the flow of cold air, a transducer being provided below said lever L₁ for converting the temperature to a force for actuating said lever L₁ and temperature setting means being provided to operate the thermostat at a particular temperature.

Agent : L.S. DAVAR & CO.

(Complete Specification Pages 06 Drawing Sheet -01)

(Provisional Specification Pages 03 Drawing sheets - Nil)



Indian Classification : 34B. 189322

International Classification⁴ : B05 D7/00.

Title : **"A PROCESS FOR THE PRODUCTION OF ACETYLATED LIGNOCELLULOSIC MATERIAL".**

Applicant : A-CELL ACETYL CELLULOSICS AB, of
Sotenasvagen 64, 433 64 Savedalen,
Sweden.

Inventors : HELEN LOUISE NELSON.
DAVID IAN RICHARDS-Both British.

Kind of Application : COMPLETE/CONVENTION

Application for Patent Number 305/DEL/95 filed on 23.02.95

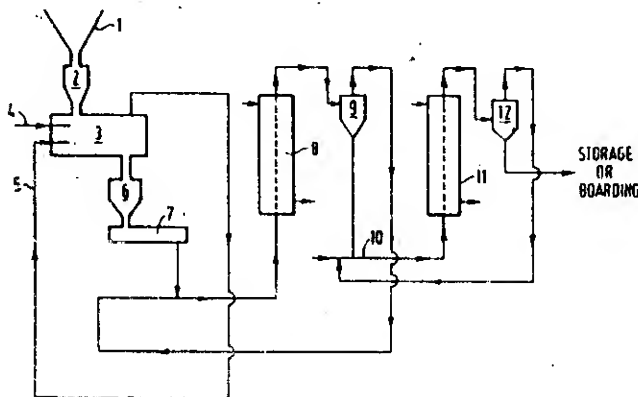
Convention date:-9403509.4 ; 24/02/94 ; UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)
Patent Office Delhi Branch, New Delhi – 110 008.

(II Claims)

A process for the production of acetylated lignocellulosic material as herein described, said process comprising the steps:

- (a) contacting the lignocellulosic material in the first reactor with an acetylating agent comprising at least 50% w/w acetic anhydride and the remaining predominantly acetic acid at a temperature from 80 to 140°C to produce the acetylated lignocellulosic material having a weight gain to at least 2%; and
- (b) transporting in a manner such as hereinbefore described the acetylated lignocellulosic material produced in step (a) into a stripper under the reaction conditions at a temperature above 140°C where it brought into contact with a heated gas of the kind such as herein described, said gas being inert under the reaction conditions whereby the acetic acid or acetic anhydride content of the acetylated lignocellulosic material is reduced to below 10% by weight to obtain the desired product.



Agent : REMFRY & SAGAR

Complete Specification Pages 11 Drawing 01 Sheets)

Indian Classification	:	39F.	189323
International Classification ⁴	:	B01J - 21/00 ; B01J - 29/00.	
Title	:	"A METHOD FOR PREPARING A ZEOLITE NU-87 IN ITS HYDROGEN FORM."	
Applicant	:	INSTITUT FRANCAIS DU PETROLE, a French company, of 4, Avenue de Bole-Preau, 92506 Ruei-Malmaison Cedex, France.	
Inventors	:	JOHN LEONELLO CASCI. IVAN JAMES SAMUEL LAKE. TIMOTHY ROBIN MABERLY- all British.	
Kind of Application	:	COMPLETE/CONVENTION/DIVISIONAL	

Application for Patent Number 332/DEL/94 filed on 23.03.94

Divided out of patent application no. 1211/Del/89 filed on 19.12.89.

Convention date:-8829923.5/ 22.12.88/ UK.

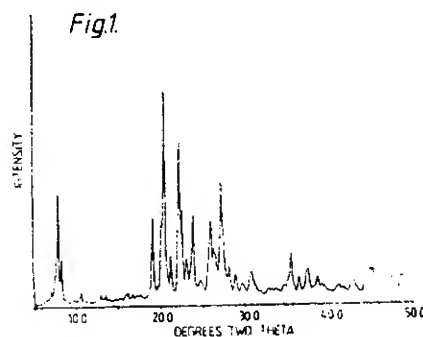
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)

Patent Office Delhi Branch, New Delhi - 110 008.

(05 Claims)

1. A method of preparing a zeolite designated as NU-87 in its hydrogen form. said method comprising:
 - i) calcining zeolite designated as NU-87 having a chemical composition expressed on an anhydrous basis (in terms of mole ratios of oxides) by the formula:
 $100XO_2$: equal to or less than $10 Y_2 O_3$: equal to or less than $20 R_{(2m)} O$
 where
 R is one or more cations of valency n including cations of an organic ammonium template material of the kind as herein described
 X is silicon and/or germanium
 Y is one or more of aluminium, iron, gallium, boron, titanium, vanadium, zirconium, molybdenum, arsenic;
 - ii) treating the calcined zeolite of step (i) with an aqueous solution of an ammonium salt to replace cations in the zeolite with ammonium ions thus forming NU-87 in its ammonium form; and
 - iii) subsequently calcining the ammonium form of treated zeolite NU-87 to displace ammonia from the zeolite to obtain a zeolite designated as NU-87 in its hydrogen form.

Agent : REMFRY & SAGAR
 Complete Specification Pages 58 Drawing 04 Sheets)



Indian Classification : 32 E 189324

International Classification : C 08 F 220/00

Title : "A PROCESS FOR THE PREPARATION OF HYDROPHILIC STABLE MACROPOROUS ACRYLATE COPOLYMER BEADS."

Applicant : **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-110001, India (An Indian Registered Body. Incorporated under Registration of Societies Act)

Inventors : EVURI SRINIVASA RAO - INDIA,
SUNNY SKARIA - INDIA
AKIRA KOTHA - INDIA
SURENDRA PONRATHNAM - INDIA
CHELANATTU KHIZHAKKE MADATH
RAMAN RAJAN - INDIA

Kind of Application : COMPLETE

Application for Patent Number 0375/Del/94 filed on 31.03.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(10 Claims)

A process for the preparation of hydrophilic stable macroporous acrylate copolymer beads having size > 0.4 mm and useful as matrix for immobilization of hydrophilic biomolecules which comprises suspension polymerizing an ethylmethacrylate with a conventional crosslinking agent in the presence of a known polymerization initiator in a reactor, in aqueous media at a temperature in the range of 60 to 80°C in the presence of a protective colloid such as herein described and a pore generating solvent selected from cyclo aliphatic/aliphatic alcohols or aromatic/aliphatic hydrocarbons or chlorinated solvents, stirring the resultant mixture till the beads are formed, filtering, washing the resultant beads with distilled water followed by washing with protic polar solvent and drying.

AGENT :

(COMPLETE SPECIFICATION 12 SHEETS DRAWING SHEETS - NIL)

Indian Classification : 68 E, 69 D 189325
 International Classification⁴ : H 02P 1/10, 5/00, F 16K 31/10
 Title : "ELECTROMAGNETICALLY OPERATED PNEUMATIC VALVE ASSEMBLY FOR AN ELECTRICAL CONTACTOR ACTUATOR"
 Applicant : GENERAL ELECTRIC COMPANY, a corporation of the State of New York, United States of America, residing at 1 River Road, Schenectady, State of New York 12345, United States of America.
 Inventors : MEHDI AHMADIAN—U.S.
 STEPHEN MICHAEL DRABANT—U.S.
 JEFFREY MARTIN POWELL—U.S.
 Kind of Application : COMPLETE.

Application for Patent Number 426/DEL/94 filed on 12.4.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi—110 008.

(11 Claims)

An electromagnetically operated pneumatic valve assembly for an electrical contactor actuator comprising:

- an electromagnetic coil having a central passageway adapted for receiving a hollow core and having a pair of electrical terminals adapted for connection to a controllable source of electric power, said core being fixedly positioned in said coil and having a first end extending outward from a first end of said coil;
- a frame attached to said end of said core, said frame having a portion extending on an outer surface of said coil to a second end opposite said first end of said coil;
- a moveable armature pivotably coupled to said frame adjacent said second end of said coil, said armature being positioned for attraction to said second end of said core upon energization of said coil;
- an air flow control valve attached to said frame adjacent said first end of said core and aligned axially with said core, said control valve including a housing having, in combination :

an air inlet port adapted for connection to a source of relatively high pressure air;

an air outlet port adapted for supplying air from said inlet port to an air controlled mechanism;

an air exhaust port adapted for exhausting air from said outlet port to external of said housing;

a central aperture passing through said housing and aligned axially with said core, said aperture having a first enlarged diameter section at a first end of said housing adjacent said core, a second enlarged diameter section adjacent a second end of the said housing opposite said first end and third reduced diameter section interconnecting said first and second sections, said inlet port being coupled to said second section, said outlet port being coupled to said third section and said exhaust port being coupled to said first section;

a first valve seat formed in said aperture at a transition from said first section to said third section;

a first resilient seal positioned on said first valve seat;

a second valve seat formed in said aperture at a transition from said second section to said third section;

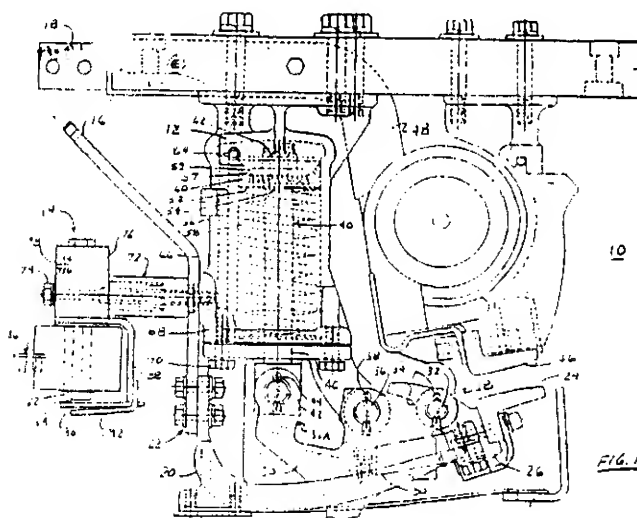
a second resilient seal positioned on said second valve seat;

a valve stem extending through said hollow core and into said first section of said aperture in said valve housing;

means operatively associated with said valve stem for seatingly engaging said first resilient seal upon energization of said coil in reaction to said armature urging said valve stem toward said valve for coupling air from said inlet port to said outlet port;

a valve stem extension extending from said second section of said aperture through said third section and into engagement with said valve stem; and

means operatively associated with said valve stem extension for seatingly engaging said second resilient seal upon de-energization of said coil for decoupling said inlet port from said outlet port and concurrently coupling said outlet port to said exhaust port.



Agent: ANAND & ANAND.

(Complete Specification Pages – 19 Drawing sheets – 2)

Indian Classification : 206 A

International Classification : H 01Q 1/22

Title : "AN IMPROVED MATCHED ELEMENTS FOR USE IN A PHASED ARRAY"

Applicant : CENTRAL ELECTRONICS LIMITED, an Indian Company of 4, Industrial Area, Sahibabad-201 010, Uttar Pradesh, India.

Inventors : SARITA KAUL - INDIAN.
LOKESH PILLAI - INDIAN &
SETTALURI RAGHU KUMAR - INDIAN.

Kind of Application : COMPLETE.

Application for Patent Number 546/DEL/94 filed on 03.5.94.

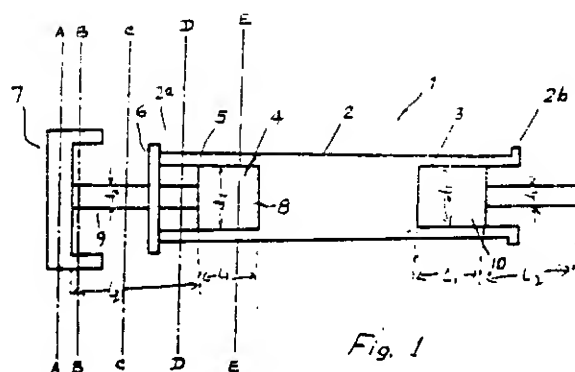
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(6 Claims)

An improved matched element for a phased array comprising an intermediate metallic member (2) having a well (3) at either ends thereof (2a & 2b), a first ferrite port (4) being provided into said well (3) at one end (2a) of said intermediate member (2) and a second ferrite port (10) being provided into said well (3) at the opposite end (2b) of said intermediate member (2) and a cap (7) being provided for each of said ports (4 & 10).

Agent: L.S. DAVAR & CO.

(Complete Specification Pages - 8 Drawing sheet - 1)



Indian Classification : 206 E 189327
 International Classification : H 01Q 1/22
 Title : "MATCHED ELEMENTS FOR TESTING OF RADIATION PATTERN OF PHASE SHIFTERS"
 Applicant : CENTRAL ELECTRONICS LIMITED, an Indian Company of 4, Industrial Area, Sahibabad - 201 010, Uttar Pradesh, India.
 Inventors : SARITA KAUL - INDIAN
 LOKESH PILLAI AND
 SETTALURI RAGHU KUMAR - ALL INDIAN.
 Kind of Application : COMPLETE.

Application for Patent Number 547/DEL/94 filed on 03.5.94

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 002.

(5 Claims)

Matched elements for testing of radiation pattern of phase shifters comprising a ferrite port 4 adapted to be disposed in a well 3 being provided at one end 29 of a conducting member 2 in a spaced relation thereto, a cap 7 being provided at the end 29 to cover the outer end of said port 4.

Agent: L.S. DAVAR & CO

(Complete Specification Pages - 6 Drawing sheet - 1)

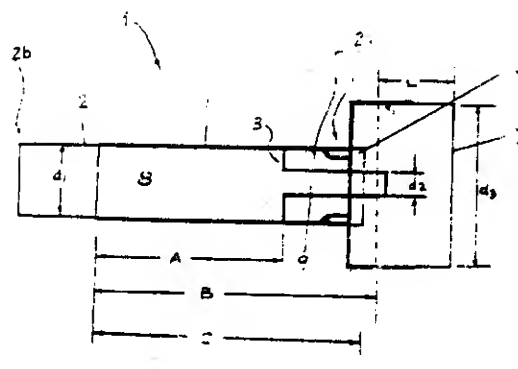


Fig. 1

Indian Classification :- 179 F 189328

International Classification^a :- B 31 B 1/00

Title :- "AN IMPROVED PROCESS FOR PRODUCING STORAGE PACKS"

Applicant :- ROLLATAINERS LIMITED, an Indian Company of 13/6, Mathura Road, Faridabad, Haryana, INDIA

Inventors :- AMBRISH BHARGAVA - INDIA

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 653/de/1994 filed on 24/5/1994

Complete left after Provisional Specification filed on 24/08/1995

Convention Date

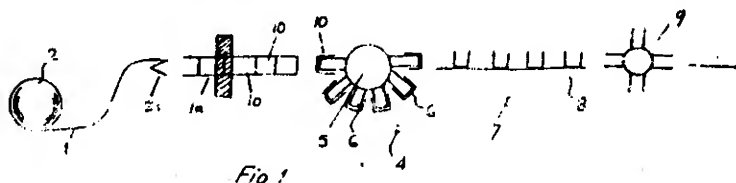
Divided out of Application for Patent Number filed on

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch - 110 008.

Claims (03)

An improved process for producing storage packs used for storage of particulate and liquidous materials comprising :

- a) forming a pack along various horizontal stations,
- b) shaping and filling said packs and then sealing the same, each of said steps being effected from the horizontal axis,
- c) characterized in that said step of shaping being performed before filling step by inserting mandrels of an indexed turret individually and then applying pressure from outside so as to provided the required shape.



Agent L.S. Davar & Co.,

Provisional Specification	No. of Pages 04	Drawings Sheets	Nil
Complete Specification	No. of Pages 08	Drawings Sheets	01

Indian Classification	:	48 D 1 & 3	189329
International Classification ⁴	:	G 01M 19/00	
Title	:	"HYDROGEN-ABSORBING COMPOSITION FOR OPTICAL FIBER CABLES"	
Applicant	:	PIRELLI CAVI SPA, of Viale Sarca, 222-Milan, Italy.	
Inventors	:	CLAUDIO BOSISIO – ITALY AND ANTONIO CAMPANA – ITALY.	
Kind of Application	:	COMPLETE.	

Application for Patent Number 731/DEL/94 filed on 8.6.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(10 Claims)

A hydrogen-absorbing composition for optical fiber cables, comprising:

- (a) at least 90% by weight of a silicon-free polymer of non-aromatic unsaturated hydrocarbon having a molecular weight distribution about a mean value varying within a limited range such that it will show no significant phase separation phenomena by decantation or chromatography on a fibrous support having a viscosity at room temperature in the range of from 500 to 70,000 cSt; a viscosity at room temperature below 70,000 cSt, after ageing by exposure to air in thin layer for at least 7 days at 100°C and double bonds reactive to hydrogen at room temperature, in a corresponding amount to a iodine value in the 7 to 100 g/100g range;
- (b) from 0.005 to 1% by weight of a catalyst selected from a group consisting the transition metals, salts and organic and inorganic complexes of the transition metals;
- (c) optionally, an amount not exceeding 5% by weight of a second polymer of unsaturated hydrocarbon such as herein described; and
- (d) optionally, from 1% to 20% by weight of a thixotroping agent such as herein described.

Agent: REMFRY & SAGAR

(Complete Specification Pages – 28 Drawing sheets – 4)

Indian Classification : 73 189330

International Classification⁴ : D 06 M 1/ 02, 1/06, 1/14.

Title : "METHOD FOR THE PREPARATION OF A LYOCELL FABRIC".

Applicant : TENCEL LIMITED, formerly known as COURTAULDS FIBRES (HOLDINGS) LIMITED, a British company, of 1 Holme Lane, Spondon, Derby, Derbyshire DE 21 7BP, United Kingdom, formerly of 50 George Street, London W1A 2BB, England.

Inventors : LESLIE PEARSON - ENGLAND
JAMES MARTIN TAYLOR - ENGLAND

Kind of Application : COMPLETE/CONVENTION

Application for Patent Number 765/Del/94 filed on 17.06.1994.
Convention Application No. 9313128.2/UK/24.06.1993

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 008.

(09 Claims)

A method for the preparation of a lyocell fabric exhibiting a low degree of fibrillation and possessing a low fibrillation tendency, characterized in that said method comprising, in the order specified, the steps of :

- a (i) scouring and (ii) dyeing the fabric, thereby inducing fibrillation in the fabric;
- b treating the fabric with a solution containing at least 2 percent by weight of a low-formaldehyde or zero-formaldehyde crosslinking resin of the kind such as herein described;
- c heating the fabric under conditions effective to cause reaction between the resing and the cellulose;
- d washing the fabric; and
- e drying the fabric.

AGENT : Groger & Groger

(COMPLETE SPECIFICATION 14 SHEETS

DRAWING SHEETS -NIL-)

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860) have made an application on Form 13 Under Section 57 of the Patents Acts, 1970 for amendment of application No. 2785/Del/97 (187299) "AN IMPROVED PROCESS FOR THE MANUFACTURE OF TEA". The amendments are by way of correction in the Complete Specification on pages 5 & 10 sub Para(c) read as pressure of 50-100 gm/cm², Instead of 50-100 gm/m.²

The application and the proposed amendment can be inspected free of charge at Patent Office, W-5, West Patel Nagar, New Delhi-110008 for copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on the prescribed Form within 3 months from the date of this Notification at the Patent Office, New Delhi.

Notice is hereby given that M/s. ASEA BROWN BOVERI AG, of Haselstrasse, CH-5400 Baden, Switzerland, have made an application on Form 13 under section 57 of the Patents Act 1970, for amendment of application for Patent Application No. 52/MAS/95 (187613) for "GATE-TURN OFF SEMICONDUCTOR COMPONENT".

The amendments are by way of change of name and address from M/s ASEA BROWN BOVERI AG, of Haselstrasse, CH-5400 Baden, Switzerland, to M/s. ABB SCHWEIZ HOLDING AG, of Brown Boveri Strasse 6, 5400 Baden, Switzerland.

The application and the proposed amendments can be inspected free of charge at the Patent Office Chennai Branch, Guna Complex, Annex. II, 6th Floor, No. 443, Anna Salai, Teynampet, Chennai-600 018, Copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on prescribed form within 3 months from the date of this Notification at the Patent Office Chennai Branch.

Notice is hereby given that M/s. SYNGENTA LIMITED, European Regional Centre, Priestly Road, Surrey Research Park, Guildford, Surrey GU2 7YH, England, have made an application on Form 13 Under Section 57 of the Patents Acts, 1970 for amendment of application No. 577/DEL/98 (187909) for "A PROCESS FOR THE PURIFICATION OF A DIPHENYL ETHER COMPOUNDS". The amendments are by way of change of Name from "ZENECA LIMITED" a British Company of 15 Stanhope Gate, London W1Y 6LN, England to SYNGENTA LIMITED, European Regional Centre, Priestly Road, Surrey Research Park, Guildford, Surrey GU2 7YH, England.

The application and the proposed amendment can be inspected free of charge at Patent Office, W-5, West Patel Nagar, New Delhi-110008 for copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on the prescribed Form within 3 months from the date of this Notification at the Patent Office, New Delhi.

APPLICATION U/S 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, Patent Application No. 121/Cal/98 (187028) filed by ASTA MEDICA AG of An Der Pikardie 10, DO1277 Dresden, Germany has been allowed to proceed in the name of ZENTARIS AG of WeismullerstraBe 45, 60314 Frankfurt/Main, Germany.

OPPOSITION PROCEEDINGS U/S. 25(1)

An opposition entered by the Cosmo Films Limited, New Delhi to the grant of a patent application No. 182406 (941/Del/91) has been dismissed and the application for patent has been ordered to proceed for sealing.

An opposition has been entered by M/s. L.S. Davar & Co., Kolkata on behalf of Bajaj Auto Limited, Pune (Maharashtra) to the grant of a Patent on application No. 187939 (1310/Del/93) 22.11.1993 made by Honda Giken Kogyo Kabushiki Kaisha, Japan.

CANCELLATION PROCEEDINGS UNDER SECTION 19 (1)

“An application in the name of M/s. Raj Akshay Industries, for Cancellation of Registration of Registered Design No. 185545 was filed on 26th December, 2002 in class 13-03 in the name of M/s. G.M. Modular Pvt. Ltd.”

“An application in the name of M/s. Coming S.A., for Cancellation of Registration of Registered Design No. 187385 was filed on 26th November, 2002 in class 16-06 in the name of R.K. Optical Services.”

THE DESIGNS ACT 200

SECTION 30

DESIGN ASSIGNMENT

The following Designs stand in the name Merz & Krell GmbH & Co registered under the Designs Act, 1911 has been entered in the Register of Design as Licensee in the name of Modi-Senator (India) Pvt. Limited.

Design No.	Class	Name
181664 to 181674 and 182797 to 182803	03	Modi Senator (India) Pvt. Limited, 1400 Hemkunt Tower, 98 Nehru Place, New Delhi-110019, India.

CESSATION OF PATENTS

180734 181128 181669 181917 182944 183099 183522 183675 183696 184055 184195 185005 185593
185818 185893 186225 186441 186789

PATENT SEALED ON 10.01.2003

187487*D 187781* 187784 187785 187786* 187787* 187790 187795 187812 187813*D 187814*D
187815*F 187816*D 187817*D 187818*F 187819*D 187820* 187824 187825 187826 187827 187828
187831*D 187832*D 187833 187834D* 187835 187836*F 187837*D 187838* 187840*D

KOL—NIL, DEL—NIL, MUM—01, CHEN—30.

*Patent shall be deemed to be endorsed with the words “LICENCE OF RIGHT” under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

*D=Drug Patents

*F=Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are open for public inspection from the date of registration.

The date shown in the each entries in the date of registration included in the entries.

Class	03	No. 185446. Cello Writing Instruments & Containers Ltd. 5, Vakil Industrial Estate, Walbhat Road, Goregaon (W), Mumbai-400063, Maharashtra, India. "BALL PEN" 2 ND May 2001.
Class	07-01	No. 186824. Magppie Exports, of PD-4B, Pitampura, Delhi-110034, "FRUIT BOWL" 3 rd October 2001.
Class	19-06	No. 186836. Magppie Exports, of PD-4B, Pitampura, Delhi-110034, "BALL PEN" 3 rd October 2001.
Class	07-01	No. 186822. Magppie Exports, of PD-4B, Pitampura, Delhi-110034, "LIGHTER OPENER" 3 rd October 2001.
Class	07-99	No. 186829. Magppie Exports, of PD-4B, Pitampura, Delhi-110034, "PLANTER" 3 rd October 2001.
Class	07-99	No. 186831. Magppie Exports, of PD-4B, Pitampura, Delhi-110034, "BAR TRAY" 3 rd October 2001.
Class	19-06	No. 186834. Cello Writing Instruments & Containers Ltd. 5, Vakil Industrial Estate, Walbhat Road, Goregaon (W), Mumbai-400063, Maharashtra, India. "BALL PEN" 3 RD October 2001..
Class	19-06	No. 186835. Cello Writing Instruments & Containers Ltd. 5, Vakil Industrial Estate, Walbhat Road, Goregaon (W), Mumbai-400063, Maharashtra, India. "BALL PEN" 3 RD October 2001..
Class	19-06	No. 186837. Cello Writing Instruments & Containers Ltd. 5, Vakil Industrial Estate, Walbhat Road, Goregaon (W), Mumbai-400063, Maharashtra, India. "BALL PEN" 3 RD October 2001..
Class	03-01	No. 188618. Samsonite Corporation, 11200 East 45 th Avenue, Denver, Colorado 80239, U.S.A. "UPRIGHT LUGGAGE CASE" 9 th November 2001, U.S.A. (RECIPROCITY)
Class	04-02	No. 189085. Colgate Palmolive Co. of 300 Park Avenue, New York, New York, U.S.A. "TOOTH BRUSH" 21 st November 2001. U.S.A. (RECIPROCITY).

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| Class | 19-08 | No. 187705. Mastercard International Incorporated of 2000 Purchase Street, Purchase, New York 10577-2509, U.S.A. "ROUNDED EDGE CARD" 21 st December 2001, U.S.A. (RECIPROCITY). |
| Class | 07-02 | No. 187791. Mr. Praveen Murarka Indian national, MZ-49, Bansi Trade Centre, 581/5, M.G. Road, Indore-452001, Madhya Pradesh, India. "SWPROUT MAKER" 14 th January 2002. |
| Class | 19-06 | No. 188827. Quadrinvest S.P.A. of Strada Cebrosa 64-10036, Settimo Torinese (Torino) Italy. "WRITING INSTRUMENT" 24 th January 2002. Italy (RECIPROCITY). |
| Class | 26-05 | No. 187961. Cona Industries, 20/21, Neeraj Industrial Estate, Off: Mahakali Caves Road, Andheri East Mumbai-400093, "ELECTRIC ANGLE HOLDER" 31 st January 2002. |
| Class | 26-05 | No. 187960. Cona Industries, 20/21, Neeraj Industrial Estate, Off: Mahakali Caves Road, Andheri East Mumbai-400093, "ELECTRIC BATTEN HOLDER" 31 st January 2002. |
| Class | 26-05 | No. 187959. Cona Industries, 20/21, Neeraj Industrial Estate, Off: Mahakali Caves Road, Andheri East Mumbai-400093, "ELECTRIC SWITCH" 31 st January 2002. |
| Class | 13-03 | No. 187958. Cona Industries, 20/21, Neeraj Industrial Estate, Off: Mahakali Caves Road, Andheri East Mumbai-400093, "ELECTRIC SWITCH" 31 st January 2002. |
| Class | 99-00 | No. 187963. Cona Industries, 20/21, Neeraj Industrial Estate, Off: Mahakali Caves Road, Andheri East Mumbai-400093, "MODULAR PLATE FOR ELECTRIC SWITCH" 31 st January 2002. |
| Class | 10-07 | No. 188149. Dilip Watch and Music House, Indian National of 387, M.G. Road, Khajuri Bazar, Indore, Madhya Pradesh, India. "WATCH CASE" 15 th February 2002. |
| Class | 09-03 | No. 188407. Rallis India Ltd. Of Rallis House, 21 D.S. Marg, Mumbai-400001, Maharashtra, India. "BOX" 13 th March 2002. |
| Class | 09-01 | No. 189890. Henkel Kommanditgesellschaft Auf Aktien of 67, 40589, Dusseldorf, Germany. "CONTAINER" 21 st March 2002. GERMANY (RECIPROCITY). |

Class	10-07	No. 188639. Concord Watch Company S.A. of Rue De Nidau 35, Ch-2501, Bienne, Switzerland. "CROWN PROTECTOR" 26 th March 2002. U.S.A. (RECIPROCITY).
Class	07-01	No. 188541. Shree Balaji Enterprises of F-3, Dalvi Chawl, Navghar Road, Bhayander (E)-4011005, Dist: Thane, "JAR" 26 th March 2002.
Class	09-03	No. 188542. Brij Mohan Mangal of B-20, Prerna, Swagatani Company, Jesal Park, Bhyander (E)-401105, Dist: Thane. "CONTAINER" 26 th March 2002.
Class	09-03	No. 188544. Brij Mohan Mangal of B-20, Prerna, Swagatani Company. Jesal Park, Bhyander (E)-401105, Dist: Thane. "CONTAINER" 26 th March 2002.
Class	07-01	No. 188540. Shree Balaji Enterprises of F-3, Dalvi Chawl, Navghar Road, Bhayander (E)-401105, Dist: Thane, "JAR" 26 th March 2002.
Class	19-99	No. 188607. Merz & Krell Gmbh & Co. Kgaa, Bahnhofstrasse 76, 64401, Gross-Biebrau, Germany. "COMPONENT OF WRITING INSTRUMENT" 1 st April 2002.
Class	19-99	No. 188608. Merz & Krell Gmbh & Co. Kgaa, Bahnhofstrasse 76, 64401, Gross-Biebrau, Germany. "COMPONENT OF WRITING INSTRUMENT" 1 st April 2002.
Class	19-99	No. 188606. Merz & Krell Gmbh & Co. Kgaa, Bahnhofstrasse 76, 64401, Gross-Biebrau, Germany. "COMPONENT OF WRITING INSTRUMENT" 1 st April 2002.
Class	07-99	No. 188629. Devisons Pvt. Ltd. Of A-116, Industrial Area, Wazirpur, New Delhi-110052, India. "PADLE BIN" 2 nd April 2002.
Class	07-06	No. 188629. Devisons Pvt. Ltd. Of A-116, Industrial Area, Wazirpur, New Delhi-110052, India. "SUGAR DISPENSER" 2 nd April 2002.
Class	14-99	No. 188651. Dura Line India Pvt. Ltd. Of S-6, Green Park Extension, Near Upphar Cinema, New Delhi-110016, India. "RIBBED DUCT" 2 nd April, 2002.

- Class 09-04 No. 188697. Grace International of A-11, Vellardview, 6th Floor, near Hari Ali, 14th Tardeo Road, Mumbai-400034, Maharashtra, India. "TOKRI (BASKET)" 5th April 2002.
- Class 12-16 188710. Mahindra & mahindra Ltd. Of Gateway Building, Apollo Bunder, Mumbai-400001, Maharashtra, India. "DOOR ASSEMBLY INNERSIDE" 8th April 2002.
- Class 12-16. 188736. Mahindra & mahindra Ltd. Of Gateway Building, Apollo Bunder, Mumbai-400001, Maharashtra, India. "WHEEL COVER" 9th April 2002.
- Class 07-02 No. 188750. Dart Industries Inc. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, USA 10th April 2002
- Class 15-02 No. 188762. Rohit Shambhubhai Patel, of 17/1, G.I.D.C. Kalol (N.G.), Dist: Gandhinagar, Gujarat India. "OIL SEAL PUMP" 12th April 2002.
- Class 09-03 No. 188787. Indian Tin Box MFG Co. (P) Ltd. 5A, Robinson Street, Kolkata-700017, West Bengal, India. "CONTAINER" 18th April 2002.
- Class 09-03 No. 188786. Indian Tin Box MFG Co. (P) Ltd. 5A, Robinson Street, Kolkata-700017, West Bengal, India. "CONTAINER" 18th April 2002.
- Class 12-09 No. 188848. Escorts Construction Equipment Ltd. Of Plot No. 2, Sector-13, Faridabad-121007, U.P. India. "TRACTOR" 23rd April 2002.
- Class 23-02 No. 188846. M/s. M.S. Plasto Mould Pvt. Ltd. 25/2, Madhusudan Pal Chowdhuri, 1st by Lane, Howrah-711101, West Bengal, India. "COMMODE SEAT COVER" 23rd April 2002.
- Class 24-04 No. 188857. Angel Othopac India of 128, Barkat Nagar, Tonk Phatak, Jaipur (Rajasthan) India. "TRACTION MATERIAL" 26th April 2002.
- Class 28-03 No. 188890. Natraj Enterprises, B-34, Bonanza Ind. Estate, Ashok Nagar, Kandivali (E), Mumbai-400101, Maharashtra, (India) "HAIR PIN" 1st May 2002.

Class	30-99	No. 188926. Navin Kohil, of D-15, Panki Industrial Area, Site II, Kanpur-208002, "RUBBER GROMER WITH NOZZLE" 7 th May 2002.
Class	09-01	No. 188920. Ossa Products of 286-B, Aziz Estate, R. No. 13, S.G. Barve Marg. Kurla (W), Mumbai-400070, Maharashtra. "BOTTLE" 7 th May 2002.
Class	23-03	No. 188924. M/s. Bharat Wilways, of F-13, Johari Palace, 51, M.G. Road, Indore-452001, Madhya Pradesh, India. 7 th May 2002.
Class	03-04	No. Khaitan (India) Limited, of 46C, Jawahar Lal Nehru Road, Kolkata-700071, West Bengal, India. "CEILING FAN" 8 th May 2002.
Class	24-04	No. 189001. MGRM Medicare Ltd. C-6/5, Safdarjung Development Area, New Delhi-110016, India. "WRIST HAND RESTING SPLINT (CONE). 9 th May 2002.
Class	24-04	No. 189004. MGRM Medicare Ltd. C-6/5, Safdarjung Development Area, New Delhi-110016, India. "MRANGE WRIST SPLING (ROM)" 9 th May 2002.
Class	24-04	No. 189003. MGRM Medicare Ltd. C-6/5, Safdarjung Development Area, New Delhi-110016, India. "MRANGE SHOULDER ABDUCTION SPLINT (ROM) 9 th May 2002.
Class	24-04	No. 189002. MGRM Medicare Ltd. C-6/5, Safdarjung Development Area, New Delhi-110016, India. "WRIST HAND RESTING SPLINT (PLAIN)". 9 th May 2002.
Class	24-04	No. 188955. Dr. Sanjay Arunchandra Vasa of 4, Kailash Society, Nr. HK House, Ashram Road, Ahmedabad-380009, Gujarat, India "BUD HOLDER" 13 th May 2002.
Class	10-04	No. 189039. FMI Ltd. Of Ferozepore Road, Ludhiana-141001, Punjab, India. "MEASURING TAPE" 17 th May 2002.
Class	23-99	No. 189053. Montu Oberoi of WG-345, Nakodar Road, Jalandhar-144003, (PB) India. "COVER FOR CEILING FAN" 20 th May 2002.

Class	25-01	No. 189058. Deshraj Gupta of 4634, Ajmere Gate, Delhi-110006, India. "CASE FOR TILES" 20 th May 2002.
Class	25-01	No. 189059. Deshraj Gupta of 4634, Ajmere Gate, Delhi-110006, India. "CASE FOR TILES" 20 th May 2002.
Class	25-01	No. 189060. Deshraj Gupta of 4634, Ajmere Gate, Delhi-110006, India. "CASE FOR TILES" 20 th May 2002.
Class	01-01	No. 189061. Britannia Industries Ltd. Of 5/1A, Hungerford Street, Kolkata-700017. "BISCUIT" 20 th May 2002.
Class	07-01	No. 189087. Societe Air France of 45, Rue De Paris, 95747 Roissy-Charles De-Gaulle, France. "TRAY" 21 st May 2002.
Class	20-03	No. 189097. Titan Industries Ltd. of Golden Enclave Tower-A, Airport Road, bangalore-560017. Karnataka, India. "SIGNBOARD" 24 th MAY 2002.
Class	20-03	No. 189096. Titan Industries Ltd. of Golden Enclave Tower-A, Airport Road, bangalore-560017. Karnataka, India. "SIGNBOARD" 24 th MAY 2002.
Class	09-07	No. 189107. M/s. R.S. Maker of V-85, Gali No. 24, Vijay Park Maujpur, Delhi-110053. "QURAN BOX" 27 th May 2002.
Class	03-03	No. 189118. Human Physiology with community Healty, Vidyasagar University, West Midnapore, West Bengal. "ERGONOMICALLY DESIGNED HACK SAW" 28 th may 2002.
Class	14-03	No. 189138. Himachal Exicom Communication ltd. Of 8, Electronics Complex, Chambaghat, Solan (HP) 173213. "TELEPHONE" 31 st May 2002.
Class	12-11	No. 189167. M/s. Ramsons Tyres, C-53, Phase-III, Focal Point, Ludhiana, (PB) India. "TRED OF THE TURES FOR BICYCLES" 4 th June 2002.
Class	07-02	No. 189163. India Metal, of B-3, Jhilmil Industrial Area, Delhi-110095, India. "HANDLE" 4 th June 2002.

Class	07-02	No. 189165. India Metal, of B-3, Jhilmil Industrial Area, Delhi-110095, India. 'SIDE HANDLE' 4 th June 2002.
Class	09-01	No. 189384. Modicare pvt. Ltd. Of 4, Community Centre, New Friends Colony, New Delhi-110065. "BOTTLE" 17 th June 2002.
Class	23-04	No. 189280. Devi Polymers Pvt. Ltd. Of T.N.K. House, 48, Anna Salai, Chennai-600002, Tamil Nadu, India. "AIR VENT" 24 th June 2002.
Class	19-06	No. 189301. M/s. Jawahar Industries, 106, Prestige Industrial Estate, B.P. Cross Road No. 3, Bhayander (E), Mumbai-401105, "BALL PEN STAND" 25 th June 2002.

(B. P. MISHRA)
CONTROLLER GENERAL OF
PATENTS, DESIGNS, & TRADE MARKS.


(DR. S. K. PAL)
ASSTT. CONTROLLER OF PATENTS & DESIGNS,
& HEAD OF OFFICE.